



SYLLABUS FOR THE
MASTER OF ARTS
IN
DEFENCE STUDIES
(TWO – YEAR FULL TIME PROGRAMME)



RULES, REGULATIONS AND COURSE CONTENT

(Choice Based Credit System)

Department of Defence Studies

Faculty of Arts

University of Lucknow, Lucknow – 226007

M.A. (Defence Studies)

HISTORY OF THE DEPARTMENT

The Teaching of Military Science was started at the University way back in the year 1969 at the U.G. level with the active effort of Prof. L.N.Lumba (Dept. of Political Science) , Dr. S.P. Dubey (Dept. of western History) and Dr. Shailendra Singh (Dept. of Economics) under the guidance of Vice-Chancellor of the University.

Teaching at the P.G. level was started under a self finance scheme in the year 2003 Commencement of P.G. Course and enhanced awareness of Security amongst the public open the door for an early establishment of a separate Department of Defence Studies confirmed by the State Govt. on 03 July 2006.

The Department got its much needed reputation reward when about 15 army officers of the ranks of Lt. Col. & Brigadiers joined the department in the session 2006-07 as P.G. & Research student. Presently about 02 army officers studying in Research courses.

The Founder teacher of the Department was DR. B.S. Sirohi and after DR. Sirohi, DR. S.N.Rai & DR. O.P.Shukla join the Department. Presently, Department headed by Prof. B.K.Shukla , Dean Faculty of Arts with sincere cooperation by Co-ordinator DR. O.P.Shukla.

The Faculty members have many credit as books, research Publications & Research Project work. Department successfully Organized 02 National Seminars, 1 Workshop, 1 National Conference & 03 Special Lecture with UGC & Other Financial support. About 600 books exclusively of Defence Studies are available both in Hindi as well as English in the Department.

The Department tries to develop a strong Department Library, mini conference room, practical lab, project room & Teaching Staff room.

Programme Objectives

The master of defence studies programme is offered by the department aims at empowering students with knowledge and skills for thinking and analysis to navigate the real world problems security issues and contribute to society a helping and meaningful way.

Programme Specific Outcome

1. Syllabus of the subject of UG and PG both will be modified for UGC-NET.
2. Theoretical and practical classes will be more interactive than earlier.
3. In Post Graduation some seats will be of regular fees mode instead of self finance mode.
4. Subject will be introduced in affiliated degree colleges of Lucknow University in UG and PG.
5. Department will introduce an e-journal of the subject.

AFFILIATION

The proposed programme shall be governed by the Department of Defence Studies , Faculty of Arts , University of Lucknow, Lucknow – 226007.

PROGRAMME STRUCTURE

The M.A. Programme is divided into two parts under each part will consist of two semesters as given below

		Semester-Odd	Semester- Even
Part 1	First year.	Semester -I	Semester II
Part II	Second year	Semester III	Semester IV

Programme Structure

Semester Ist has four papers which all are mandatory for all students of Ist semester. Each paper has 04 credits total credits of core paper is 16. Student will have to opt 02 Generic /Open elective paper, each paper has 04 credits and total credit of semester Ist is 24.

Semester IInd has four papers which all are mandatory for all students of IInd semester. Each paper has 04 credits total credits of core paper is 16. Student will have to opt 02 Generic /Open elective paper, each paper has 04 credits and total credit of semester IInd is 24.

In **Semester IIIrd** there are 02 core papers which are mandatory for all students of IIIrd Semester, Theory Paper has a 04 credits and project work of 8 credits is also mandatory. Student will have to opt Two (02) discipline electives among three discipline electives papers of 04 credit each. Student will have to opt one optional elective of four credit each among three. Total Credit of Semester IIIrd is 24.

1. Theory (Core Paper) -04 Credits
 2. Project Work (Core Paper)- -08 Credits
 3. 02 Discipline Electives -04 x02 =08 Credits
 4. 01 Optional elective) -04 Credits
- Total 24 Credits

In **Semester IVth** there are 02 core papers which are mandatory for all students of IVth Semester, Theory Paper has a 04 credits and Dissertation of 8 credits is also mandatory. Student will have to opt Two (02) discipline electives among three discipline electives papers of 04 credit each. Student will have to opt one optional elective of four credit each among three. Total Credit of Semester IIIrd is 24.

1. Theory (Core Paper) -04 Credits
 2. Dissertation (Core Paper)- -08 Credits
 3. 02 Discipline Electives -04 x02 =08 Credits
 4. 01 Optional elective) -04 Credits
- Total 24 Credits

SEMESTER I

(Following Four Core Papers are mandatory for all students of M.A. Ist Semester of Defence Studies Each Paper has 04 Credits 04x04=16)

DSCR 101: Advanced History of the Evolution Indian Art of war (Vedic- Mughal)

DSCR 102: Theory and Practice of War

DSCR 103: Strategic Thoughts

DSCR 104: Practical

Generic/ Open elective:-

(Generic /Open elective it is mandatory for students to choose any two of the following electives. Each Paper has 04 Credits 04x02=08)

DSO – 101 International relations and conflict resolution

DSO – 102 Human Rights and International Humanitarian Law

DSO – 103 Insurgency and Terrorism

DSO – 104 MOOCS Based (Geo–Politics and Military Geography)

(Each Course of 4 credits will be of 100 marks out of which 70 marks shall be allocated for Semester Exam and 30 marks for Internal Assessment)

SEMESTER II

(Following Four Core Papers are mandatory for all students of M.A. IInd Semester of Defence Studies Each Paper has 04 Credits 04x04=16)

DSCR201 Advanced history of the evolution Indian art of war Maratha to Indian army

DSCR 202 Study of war

DSCR 203 Evolution of modern warfare strategic thoughts

DSCR 204 Practical

Generic/ open elective:-

(Generic /Open elective it is mandatory for students to choose any two of the following electives Each Paper has 04 Credits 04x02=08.)

DSO – 201 International law and security

DSO – 202 Disaster management & National Security.

DSO – 203 South Asia : conflict and co-operation studies

DSO – 204 MOOCS Based Course (NCC)

(Each Course of 4 credits will be of 100 marks out of which 70 marks shall be allocated for Semester Exam and 30 marks for Internal Assessment)

SEMESTER III

(Following Two Core Papers are mandatory for all students of M.A. IIIrd Semester of Defence Studies Theory Paper has 04 Credits and Project Work has 08 Credits)
(04+08=12 Credits)

DSCR 301 Western Military History (321 BC 1814A.D.)

DSCR 302 Project Work

Discipline Elective (It is mandatory for students to choose any two Theory papers Credit 04 of each Paper of the following (04x02=08.)

DSE 301: Global and regional disarmament and arms control

DSE 302: National Security.

DSE 303: Research Methodologies

Optional Elective:-

Generic / Open Elective it is mandatory for students to choose any one of the following Electives (**Optional Elective Each Paper has 04 Credits 04x01=04**).

DSO 301 Conflict and media

DSO 302 Military Psychology

DSO 303 International and National Terrorism

SEMESTER IV

(Following Two Core Papers are mandatory for all students of M.A. IVth Semester of Defence Studies Theory Paper has 04 Credits Each and Dissertation has 08 Credits)
(04+08=12 Credits)

DSCR 401: Western Military History (1814A.D.– II World War)

DSCR 402: Dissertation

Discipline Elective (It is mandatory for students to choose any two Theory papers Credit 04 of each Paper of the following (04x02=08.)

DSE 401: Defence Economics

DSE 401: Science and Technology in Modern War

DSE 403: Politics and Security of Indian Ocean

Optional Elective:-

Generic / Open Elective it is mandatory for students to choose any one of the following Electives (**Optional Elective Each Paper has 04 Credits 04x01=04 Credits**).

DSO 401 International and National Terrorism

DSO 402 Science and Technology in war

SEMESTER I

DSCR 101: Advanced History of the evolution Indian art of war (Vedic- Mughal)

COURSE OBJECTIVE: This course provides the knowledge of advance history of the evaluation India art of war.

COURSE OUTCOME: After undergoing this course a student will be in a position to –

1. Become familiar in evolution of art of warfare in India;
2. Learn and understand the Strategy, tactics, application of principles of war and causes of defeat and victory of various Indian, Mughal, Maratha and rajput Generals.

UNIT I

1. Military System in Vedic and Puranic and Epic age.
2. Alexander invasion of India with special reference to Battle of Hydaspes 326 B.C.

UNIT II

1. Kautilya's philosophy of war state craft, Military organization, weapons, pattern of warfare.
2. Spy System and Inter- state Relations during Maurya military System.

UNIT III

1. Changes in Hindu military system and art of warfare during the age of Guptas.
2. Changes in Hindu military system and art of warfare during the age of Harshvardhan.

UNIT IV

1. Arab and Turk invasions of India and new trends in warfare.
2. Rajput military System and art of war with special reference to the battle of Somnath (1025 A.D.) and Terrain (1191-92 A.D.)

UNIT V

1. Military Reforms and pattern of warfare during the Sultanate period.
2. Babar invasion of India with special reference to the first Battle of Panipat (1526 A.D.) and Khanwa(1527 A.D.) New trends in Mughal art of warfare during the the reign of Akbar and subsequent periods. Causes of the failure of Mughal Military System.

Books Recommended

1. Singh S.D., Ancient Indian warfare with special reference to Vedic period
2. Majumdar B.K., Military system in India
3. Majumdar B.K., Bhartiya Sena ka itihās.
4. Sarkar G.N.,military history of India

DSCR 102 Theory and practice of war

Course objective: This paper introduces the definition of war and types of war.

Course outcome:

1. Learn the nature of war and their evaluation.
2. Study the brief introduction of different types of biological wars and also understand to affect the psychological and economic warfare.

UNIT I

1. Definition of war nature of war and study and their evolution.
2. Cycle of war and stages of war

UNIT II

1. Types of war: Nuclear Warfare, Chemical Warfare, Biological Warfare.
2. Psychological Warfare, Economic Warfare.

UNIT III

1. Origin and causes of World War I (1914- 18)
2. Origin and causes of World War II (1939- 45)

UNIT IV

1. Concept of limited war.
2. Concept of Total war.

UNIT V

1. Cold War.
2. Guerilla Warfare.

Books Recommended

1. Lallan ji Singh , Pashchatya yuddh Kala.
2. Maliwal.B.N., Sthal Yudh Kala.

DSCR 103: Strategic Thoughts

Course objective: This paper provides basic knowledge about the concepts of selected strategic thinkers.

Course outcome:

1. Acquaint them with the concepts of strategic thinking as propounded by prominent classical and modern thinkers.
2. Students will also develop analytical thinking regarding relevance of such thought to contemporary period.

UNIT I

1. Machiavelli : The Renaissance of the art of war
2. Vauben : The impact of science on war

UNIT II

1. Frederick the Great: Concept of Dynastic and National War.
2. Dupieq and Marshal Foch.: The French School of Strategic Thought

UNIT III

1. Clausewits: On war, War and its relationship with politics, strategy and tactics
2. Jomini : Concept of Mass Army, strategy, tactics and logistics.

UNIT IV

1. **Angels and Marx:** Military concepts of the social revolutionaries.
2. **Moltke and Schliffen:** The Prussion- German School of Strategic thought

UNIT IV

1. **Napoleon :**
2. **Hitler :** Nazi concept of war.

Books Recommended

1. Srivastava J.M. , Strategic Chintak
2. Pandey Baburam, Pandey Ramsurat: Strategic Vicharak
3. Jauhari R.C. , Pashchatya Strategic Vicharak

DSCR 104 : Practical

1. Psychological experiments covering theory and experiments of the following.
 - (A) Learning
 - (B) memory
 - (C) Intelligence
2. Techniques of group discussion covering theme of the following subjects
 - (A) Military history
 - (B) Geo strategy
 - (C) Geopolitics
 - (D) Security
3. Map meaning, History of map, Enlargement and reduction of map, Gradient.

Generic / Open Elective

DSO 101 International Relations and Conflict Resolutions

Course objective: In the contemporary world the survival of the mankind is conditioned by the facts of war and peace. The conditions of war and peace are influenced by various actors, viz., State, non-state and international organizations. This paper introduces the students to all these factors.

Course outcome:

1. The basic concepts of international relations and how nation-state system works;
2. Acquire competency in military and state - centric aspects of international relations; and
3. Its repercussions on inter- state affairs and their security dilemma and some economic aspects of war.

Unit I

1. Approaches to the study of International Relations.
2. (i) Classical (ii) Scientific (systems, communication and decision making.

Unit II

1. The role of ideology in international relations.
2. Foundation and limitations of national power

Unit III

1. Concept of national Interest.
2. Formulation of foreign policy

Unit IV

1. The concept of balance of power
2. History of various peace efforts in context to balance of power.

Unit V

1. The concept of collective security.
2. Regional military pacts.

Books Recommended

1. Mahendra Kumar, Theoretical aspects of international politics
2. BL Phadia: Antarrashtriya Rajniti
3. Palmer and Perkins: International Relations

DSO 102 Human Rights and International Law

Course objective: The course intends to enhance the knowledge and skills of the students with legal aspects of international security

Course outcome:

1. Learn importance of human rights to individuals and their privileges.
2. Human Rights in Indian tradition and Constitutional & Legal framework in India; and
3. Role of United Nations in protecting Human Rights.

UNIT I

1. Human Rights: Conceptual development, Nature, Historical Background, Classification.
2. Introduction of International Law and International Humanitarian Law (IHL)

UNIT II

1. International Law and Rules of Land, Air and Sea warfare.
2. International law and conventions for the wounded and sick in the battlefield. Protection of civilian rights in times of war, treatment of the prisoners of war

UNIT III

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

UNIT IV

1. Universal declaration of Human Rights and International conventions on different kinds of Human Rights.
2. Human rights in Indian Constitution, Role and Duties of NHRC in India.

UNIT IV

1. Concept and Theories of International Humanitarian Law (IHL)
2. Concept of Refugee law

Books Recommended

1. R.S. Agrawal, Human Rights in the Modern World
2. G.S. Bajwa, Human Rights in India
3. D.D. Basu, Human Rights in Constitutional Law
4. Dr T.P. Tripathi, Human Rights
5. Dr J.N. Upadhyay, Indian Constitution
6. डॉ.एस.के.कपूर , मानव अधिकार एवं अंतर्राष्ट्रीय विधि
7. डॉ.एच.ओ.अग्रवाल, मानव अधिकार

DSO 103

Insurgency and Terrorism

Course objective: This paper introduces the concept of Terrorism and its manifestations in historical perspective.

Course outcome:

1. Learn various typologies of terrorism in its different shades.
2. By conducting case studies, students will also be in a position to understand terrorism sponsored by state and other stakeholders; and
3. How international community cooperates against this scourge.

UNIT I

1. Insurgency: Concept and Principles.
2. Methods and techniques of Guerilla and Counter- Guerilla warfare.

UNIT II

1. Impact of Marxist, Leninist and Maoist Ideologies on revolutionary movements.
2. Urban Guerrilla Warfare.

UNIT III

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

UNIT IV

1. Terror and Terrorism: Concept, Characteristics and Typology, methods and techniques.
2. Causes of Terrorism in India and underlying remedies.

UNIT V

1. International Terrorism and problems of World Peace and Security.
2. International and regional arrangements and co-operation for curbing terrorism.

Books Recommended

1. Che Guevara ,Guerilla warfere London ,1969
2. D.K. Palit, The Essential of military knowledge, the English book Depot,1970
3. Mao Tse-tung and Che Guevara ,Guerilla warfare Cassell, London ,1970
4. S. T. Das, An introduction to the art of war, Sagar publication New De

DSO 104

Geo-Politics and Military Geography (MOOCS Based)

Course objective: This course intends to make the students aware with the advancements in field of Geo-Politics and Military Geography.

Course outcome:

1. Learn the concepts and relevant attributes of geo politics and military geography for national security.
2. Concept and difference between Frontiers and Boundaries, its various types; and
3. They shall be in a position to comprehend strategic policies for a nation state and most especially India in our case.

UNIT I

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

UNIT II

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

UNIT III

1. Geography in Land warfare
2. Geography in Sea warfare
3. Geography in Air warfare

UNIT IV

1. Global Strategic Views.
2. Role of Geography in Military Applications

UNIT V

1. India's boundaries, Terrain in border areas.
2. Population in border areas and its implication to border security

Books Recommended

1. Yuddh ke sadhan aur Sadhya Major R.C. kulshreshth .Allahabad 1965
2. Fairgrieve.J. (1915) Geography and world war, London University of London Press.
3. Mahan,A.T.,(1900): The Problem of Asia ,Boston, Little, Brown and co.

SEMESTER II

DSCR 201: Advanced History of the Evolution Indian art of war Maratha to Indian Army

Course objective: With the introduction of gun powder in the west, the art of warfare in India entered into professionalism with mughals, Marathas and Sikhs. This paper aims to offers a broader understanding of these aspects.

Course outcome:

1. Learn and understand the Strategy, tactics, application of principles of war and causes of defeat and victory of various Maratha military system.

UNIT I

1. Maratha military system, land and naval warfare during the reign of Shivaji, changes in Maratha pattern of warfare during 18th century with special reference to the battle of Panipat 1761A.D.
2. Anglo Maratha war with special reference to battle of assaye 1803

UNIT II

1. Military system and pattern of war under Haider Ali and Tipu Sultan with special reference to the Third Mysore war 1790A.D.
2. Military organisation and pattern of warfare of Khalsa army. Impact of the Western art of war and subsequent development in the Sikh Army.

UNIT III

1. Contribution of Maharaja Ranjeet Singh to the evolution of Sikh military system.
2. Anglo Sikh warfare with reference to the battle of Sobraon 1846 A.D.

UNIT IV

1. Development of the presidency armies under the East India company.
2. Indian war of independence 1857 A.D.

UNIT V

1. Amalgamation of the presidency armies and reforms of Kitchener.
2. Reorganization of Indian army under the crown
3. Indianisation of the defence forces, partition of the armed forces.

Books Recommended

1. Singh S.D., Ancient Indian warfare with special reference to Vedic period
2. Majumdar B.K., Military system in India
3. Majumdar B.K., Bhartiya Sena ka itihās.
4. Sarkar G.N., military history of India

Course objective: The course intends to enhance the knowledge of the students about the world scenario after Second World War with special reference of human rights, types of new trends of war fare and technology.

Course outcome:

1. Learn importance of human rights to individuals and their privileges.
2. To know about the moderns techniques use in war.

UNIT I

1. Low intensity conflict operations, concept and its practice in South East Asia and far East.
2. Low intensity operations by Pakistan against India.

UNIT II

1. Evolution of Nuclear strategy, concepts and doctrine.
2. Nuclear development since 1945.

UNIT III

1. Missiles ,Spacecraft and theories of Nuclear warfare and deterrence.
2. Arms control and Arms limitation.

UNIT IV

1. Features of Modern wars.
2. Nature of future wars and its advantages and disadvantages.

UNIT V

1. Conventional Warfare in Nuclear age.
2. Cyber Warfare

Books Recommended

1. Lallan ji Singh , Pashchatya yuddh Kala.
2. Maliwal.B.N., Sthal Yudh Kala.

DSCR 203 Evolution of Modern Warfare (Strategic Thought)

Course objective: To make the students realize the value of modern warfare (strategic thought) in policy formation.

Course outcome:

1. Acquaint them with the concepts of strategic thinking as propounded by prominent classical and modern thinkers.
2. Students will also develop analytical thinking regarding relevance of such thought to evaluation of modern warfare.

UNIT I

1. Ludendorff, Lenin : German concept of Total war.
2. Trotsky, Stalin : Soviet concept of war

UNIT II

1. Liddle Hart : The doctrine of limited liability and mobile defence.
2. J.F.C. Fuller : Concept of mobile warfare. Advance of tanks and science and conducted of war.

UNIT III

1. A.T. Mahan : Theory of sea power. Naval strategy
2. Halford Mackinder : Heartland Theory

UNIT IV

1. Douhet : Theories of Air warfare.
2. Mitchell , Seversky : Theories of Air warfare.

UNIT V

1. Mao Tse Tung : Chinese concept of war, strategy and tactics of guerrilla warfare
2. Che Guevara : concept of revolution and principles of guerrilla warfare

Books Recommended

1. Srivastava J.M. , Strategic Chintak
2. Pandey Baburam, Pandey Ramsurat: Strategic Vicharak
3. Jauhari R.C. , Pashchatya Strategic Vicharak

- (a) Psychological experiments covering theory and experiments of the following –
 - (i) Aptitude
 - (ii) Personality
- (b) Techniques of Group -discussion covering theme of the following subjects – Nuclear weapons
 - (i) Science and Technology
 - (ii) Area Studies
 - (iii) International Law
- (c) Cartography, Projections, Classification, Survey by Prismatic Compass and Bearing.

Generic / Open Elective

DSO 201

International Law and Security

Course objective: The course intends to enhance the knowledge and skills of the students with legal control of international conflicts.

Course outcome:

1. Understand the basic aspects of international law.
2. Learn various aspects of legal provisions and practices in international security.
3. Learns basics of laws of warfare through existing international legal principles.
- 4.

UNIT I

1. International Law - Definition and Nature.
2. International Interventions - ideological, political, economic.

UNIT II

1. Impact of Nuclear development in International Relations.
2. Nuclear warfare and laws of war.

UNIT III

1. Settlement of disputes.
2. Belligerent and their armed forces.

UNIT IV

1. Enemy character.
2. Effect of the outbreak of war.

UNIT V

1. Modern Development and Laws of Neutrality.
2. Legal control of international conflicts.

Books Recommended

1. R.S. Agrawal, Human Rights in the Modern World
2. G.S. Bajwa, Human Rights in India
3. D.D. Basu, Human Rights in Constitutional Law
4. Dr T.P. Tripathi, Human Rights
5. Dr J.N. Upadhyay, Indian Constitution
6. डॉ.एस.के.कपूर , मानव अधिकार एवं अंतर्राष्ट्रीय विधि
7. डॉ.एच.ओ.अग्रवाल, मानव अधिकार

Generic / Open Elective

DSO 202 Disaster Management and National Security

Course objective: The course intends to enhance the knowledge and skills of the students with concepts of disaster and disaster management.

Course outcome:

1. Understand the concepts of disaster and disaster management in detail;
2. They will also come to know about disasters - both natural and manmade and its impact on society and ecological systems.
3. Students will also acquire knowledge on policies and actions regarding preparedness, mitigation, relief and rehabilitation.

UNIT I

1. Basic concept, meaning and terminologies associated with disaster and national security.
2. Types of Disasters.

UNIT II

1. Effects of Disaster on National Security.
2. Disaster Profile of India.

UNIT III

1. Study of natural disasters : Case Studies - Tsunami 2004, Uttarakhand flood 2013, Gujarat Earthquake 2001,
2. Study of human induced disasters: Case Studies - Bhopal Gas Tragedy, Dhanbad Coalmine Incident, Mumbai Serial Bomb Blast.

UNIT IV

1. Disaster Management: Meaning, Concept and Strategies.
2. Disaster Mitigation, Response, Recovery, Relief and Reconstruction.

UNIT V

1. Disaster Management in India. Role of Armed forces and ISRO Disaster Management Support (DMS) in Disaster Management.
2. Role of NGOs in Disaster Management.

Books Recommended

1. R Subrahmanyam: Disaster management
2. G.Venkatesh: Disaster management in India
3. G.K. Choudhary: Industrial disaster management and emergency response.
4. Shivendra Singh and Jitendra Singh : Disaster management

Generic / Open Elective

DSO 203 South Asia – Conflict and Cooperation Studies

Course objective: The goal of the course is to enable the students to learn and understand root causes of conflicts in the region.

Course outcome:

1. Also students should be able to analyze various issues and concerns towards a solution for lasting peace in south Asian region.
2. The course is designed for students to gain knowledge of conflicts in south Asia and to be able to gain the knowledge of various means of cooperation among the countries of the region and to understand the meaning and importance of lasting peace in the south region.

UNIT I

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

UNIT II

1. Power rivalries in South Asia: USA, Russia, UK and China.
2. Strategic importance of Afghanistan, China and Myanmar for South Asia.

UNIT III

1. Internal Problems and Conflicts in South Asian Region (Country Profiles)
2. Role of Pressure Groups (Religious, Linguistic, Cast, Tribes, Women, Youth, Civil Society and Media) in the Politico- military Scenario of the South Asian Countries.

UNIT IV

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

UNIT V

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

Books Recommended

1. Quincy wright A study of war
2. J.W burton : International conflict resolution
3. Bhaskar Rao : Global perceptions on peace education.

DSO 204

MOOCS Based

(National cadet corps)

Course objective: These courses provide the brief knowledge of NCC.

Course outcome:

1. To develop character, comradeship, discipline, secular outlook, spirit of adventure and the ideals of selfless service amongst the youth of the country.
2. To create a human resource of organized, trained and motivated youth, to provide leadership in all walks of life and always available for the service of the nation.
3. To provide a suitable environment to motivate the youth to take up a career in the Armed Forces

UNIT I

1. History of NCC.
2. Organisation of NCC.

UNIT II

1. Weapon Training: Training and adventure activities.
2. Role of NCC in National Integration

UNIT III

1. Role of NCC in leadership, personality development
2. NCC and Social awareness.

UNIT IV

1. Health and Hygiene
2. Self defence

UNIT V

1. NCC and Environment and Ecology.
2. NCC and General Awareness.

SEMESTER III

DSCR 301

Western Military History (321 BC 1814A.D.)

Course objective: The primary objective of the paper is to introduce the students about different wars besides Indian war fare.

Course outcome: Learn and understand the Strategy, tactics, application of principles of war and causes of defeat and victory of various battles and struggles of European world.

UNIT I

1. Battle of Merathon - (490B.C.)
2. Battle of Arbela - (331B.C.)

UNIT II

1. Battle of Cannae - (216 B.C.)
2. Battle Adrianople - (378 A.D.)

UNIT III

1. Battle of Hastings - (1066A.D.)
2. Battle of Crecy - (1346 A.D.)

UNIT IV

1. Battle of Trafalgar – (1805 A.D.)
2. Battle of Leipzig – (1813 A.D.)

UNIT V

1. Battle of Italy - Abyssinia (1935 A.D.)
2. Battle of Siddi Barani (1940A.D.)

DSCR 302

Project Work

- (a) Students will be required to written a dissertation on any security issue towards the fulfillment of the requirement of masters degree in defence studies from Lucknow University, Lucknow .
- (b) Viva- voce.

DSE 301 Global and Regional Disarmament and arms control

Course objective: Arms Control Efforts from the formation of nation, State system is attempted in this paper.

Course outcome:

1. To understand has to lead to various conflicts which in turn resulted in massive destruction of human being and state's resources.
2. The study of disarmament and arms control becomes important in containing not only war but also the proliferation of weapons.

UNIT I

1. Disarmament and Arms control: Definitions and inter-relationships.
2. Factor affecting the possibility and probability of negotiations and armaments of disarmament and arms control.

UNIT II

1. Measures of Arms Control.
2. Levels of compatibility of Disarmament, arms control and security.

UNIT III

1. Internationalization to prevent the spread of Nuclear weapons and other weapons of mass destruction including Chemical and Biological weapons.
2. Major Disarmament and Arms Control problems and agreements at the global level.

UNIT IV

1. Social and Economic aspects of Disarmament.
2. Conditions for the emergence, successes and failures of problems and agreements of Disarmament and Arms control.

UNIT V

1. World Military Expenditure.
2. Military Expenditure Limitations.

Books Recommended

1. Idsa publications
2. SIPRI yearbook of armament and disarmament
3. J.M.Srivastav : Nishastrikan evam Shastra niyantran.

DSE 302

National Security

Course objective To develop special subject knowledge on the vital concept of National Security – and the approaches to achieve National Security

Course outcome:

1. Develop core competencies in national security affairs by building his/her capacity on essentials of National Security through theory and practice.
2. Understand the national security challenges both internal and external a country face; and
3. Understand the Contemporary security environment in the world.

UNIT I

Concept of National Security.

UNIT II

1. The Power Profile: Tangible Elements of National Power.
2. Intangible Elements of National Power.

UNIT III

1. Leadership, Bureaucratic, Organizational efficiency.
2. Types of Governments.

UNIT IV

1. Alternative Models of International Security: Balance of Power, Collective Security, Collective Defence, Non – Alignment.
2. Energy Security.

UNIT V

1. Strategy of Deterrence: Concept and practice in conventional and in nuclear context.
2. Arms Proliferation as a constraint in National, Regional and International Security.

Books Recommended

1. Quincy wright A study of war
2. J.W burton : International conflict resolution
3. Bhaskar Rao : Global perceptions on peace education.
4. K Subramanyam: Our national security, economic and scientific research foundation.
5. S.D. Sinha: Security in the new World order
6. Gautam Sen: India security consideration in nuclear age.
7. Barry Buzan : People, states and fear

Course objective: In this paper to acquaint the students with the basic concepts of research methodology.

Course outcome:

1. Learn the basic steps and principles of research methodology.
2. Know the basics of citations, bibliography, indices etc.; and
3. Learn different categories of information sources and how to access them and utilize them in their academic endeavors.

UNIT I

1. Meaning of Research Policy Research.
2. Types of Research

UNIT II

1. Objectives of Research.
2. Research cycle

UNIT III

1. Stages in Research Process
2. Research Problem

UNIT IV

1. Hypothesis.
2. Nature and characteristics of a scientific hypothesis.

UNIT V

1. Review of literature, Data collection techniques.
2. Use of statistical methods, analysis and writing, footnotes, references and appendix, bibliography.

Books Recommended

1. Bell J.E. : Projective Techniques
2. Mohammed Sulaiman : Research Methodology in Behavioural Science
3. Best J.W.: Research in Education

DSO 301

Conflict and Media

Course objective: This course focuses on the importance and role of media in conflict situation

Course outcome:

1. Understand importance and role of media in conflict situation.
2. How that impacts on the public perception besides implications of media on national Security and vice versa; and
3. Know the media ethics in detail.

UNIT I

1. Conflict: Concept, meaning and definitions.
2. Media: Concept, meaning and definition.

UNIT II

1. Inter- relationship between conflict and media.
2. Role of media in International conflict.

UNIT III

1. Information age and changing dimensions of conflict.
2. Increasing impact of media on society and States.

UNIT IV

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

UNIT V

1. Terrorism and media.
2. Media ethics and Laws regarding conflict.

Books 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 the 20th century ,Susan Carruthers.
3. War and the Media : Paul M. Haridakis, Barbara.
4. John Stanie : War and the media miles ,Hudson

DSO 302

Military Psychology

Course objective: The primary objective of a military psychologist is to keep individuals mentally fit for service.

Course outcome:

- 1) To understand and appreciate psychological aspects of war making, military leadership and emotional issues that is faced by soldiers during war and peace.
- 2) Apart from this, they will also learn the importance of leadership, discipline man management, motivation and morale factors in a soldiers' life.

UNIT I

1. Relevance of psychology in defence problems. Psychology of behavioral science.
2. Elements of Military Psychology.

UNIT II

1. Psychological warfare - Propaganda, Rumour and Brain – washing.
2. Psychological problems of adjustment during army life.

UNIT III

1. Mental health problems.
2. Importance of psychology in war. Soldier and his qualities

UNIT IV

1. Military leadership- definitions types and functions.
2. Man Management

UNIT V

1. Moral - (types, contributing factors, assessment regimental conditions) and motivation.
2. Discipline and Spirit de Corps

Books Recommended

1. E.G.Boring: Psychology for the armed Forces
2. Dr.N.P.Tiwari : Sainya Manovigyan .

DSO 303

International and National Terrorism

Course objective: This paper introduces the concept of international and national Terrorism and its manifestations in historical perspective.

Course outcome:

1. Learn various typologies of terrorism in its different shades.
2. By conducting case studies, students will also be in a position to understand international and national terrorism sponsored by state and other stakeholders; and how international community cooperates against this scourge.

UNIT I

1. Terrorism: Definition, Meaning and concept.
2. Origin of Terrorism: Causes and factors.

UNIT II

1. Major Terrorist Incidents.
2. Major Terrorist Groups

UNIT III

1. Terrorism and National Security.
2. Terrorism and Regional Security.

UNIT IV

1. Terrorism and International Peace.
2. Terrorism in 21st century with special reference to scientific and technological Development

UNIT V

1. International, Regional and National efforts for removal of Terrorism.
2. Role of Peace Institutions for removal of Terrorism.

SEMESTER IV

DSCR 401 Western Military History (1815 -II World war)

Course objective: This Paper aims at informing the students the causes and conduct of war from 19th century to world war – II

Course outcome:

1. To make the students learn about the wars that was fought from 19th century to World War – II.
2. To understand will be in a position to analyses the cause for war in modern period.

UNIT I

1. Battle of Ulm (1805 A.D.)
2. Battle of Waterloo (1815 A.D.)

UNIT II

1. American imperialism and American civil war (1862 -63)
2. Japanese imperialism and siege of Port Arthour (1904 -1905)

UNIT III

1. Battle of Marne (1914 A.D.)
2. Battle of Somme (19 6A.D.)

UNIT IV

1. Battle of Arniens (1918 A.D.)
2. Battle of Britain (1942 A.D.)

UNIT V

1. Origin of World war II.
2. Pacific campaign: Battle of Midway Island (1942 A.D.)

Books Recommended

1. Dr.Lallan ji Singh , Pashchatya yuddh Kala.
2. Maliwal.B.N., Sthal Yudh Kala

DSCR 402

Dissertation

1. Students will be required to written dissertation under the supervision of a teacher towards the fulfillment of the requirements of master's degree in defence studies in defence studies from Lucknow University.
2. Viva – Voice

Course objective: The objective of the course is to develop a basic understanding of the economic aspects of national security.

Course outcome:

1. Study the concept of war economics and impact of war on economy
2. Study the Economic problem and planning for Indian Defence.

UNIT I

1. Concept and theories of war economics.
2. Economic warfare.

UNIT II

1. Impact of war on economy.
2. Economic potential of war and economic weapons.

UNIT III

1. Cost of war.
2. Defence production in India.

UNIT IV

1. Economic problem and planning for Indian Defence.
2. War finance.

UNIT V

1. Defence Budget and National Security.
2. Comparative study of Defence Budget of India, Pakistan and China.

Books Recommended

1. Dr.Lallan ji Singh , Yuddh aur Shanti ki samasyaen.
2. Dr.S.D Sharma, Yaudhik Arthshastra
3. Pushpa Jain ,Sampurna Sainya Vigyan .
4. Economics of war and peace: Economic ,Legal and Political perspective edited by Ben Goldsmith
5. Pal Poast , The Economics of war.
6. Fanny Coulomb, Economic theories of peace and war studies (in defence economics)

DSE 402

Science and Technology in Modern War

Course objective: the objective of this paper is to introduce the social science student to the developments in science and technology that have had an impact on the approaches to security over the ages.

Course outcome:

1. Acquire knowledge on how significant the role of science and technology is to Society and to National Security.
2. The paper also provides realization in contemplating on the military-industrial complex (MIC) of a nation; besides
 1. Understanding the concepts and applications of Resource Base, Science, Technology and Industrial Growth
 - 2.

UNIT I

1. New military technology: Precision guidance, standoff guidance, and control.
2. Target acquisition, command and control.

UNIT II

1. New strategic technologies : Accuracy, Throw-weight,
2. Yield and MIRV.

UNIT III

1. Command, Control ,Communication and Intelligence (C₃ I)
2. Indian Policy and Problems of National Security.

UNIT IV

3. Resource Base, Science, Technology and Industrial Growth
4. Defence and Development.

UNIT V

1. Role of Defence Research and Production.
2. Concepts of Integrated Science Policy and its relevance for National Security.

Books Recommended

1. Sameer K. Sen: Military technology on defence industrialization: The Indian Experience
2. Robert Jackson : Hi-Tech warfare
3. Air commodore (Dr) C. N.Ghosh : Future defence challenges: Armed forces of the 21st century

DSO 403

Politics and Security of Indian Ocean

Course objective: This course intends to teach about the security concerns emanating from Indian Ocean region; traditional and non-traditional.

Course outcome:

1. Understand the Indian Ocean region as a concept of reality
2. Study the current strategic scenario and modern means to protect India's maritime interest would also be covered.

UNIT I

1. Indian Ocean region as a concept of reality.
2. Coastal States, Hinterland states and Islands:
 - (i) The politico characteristics of the region.
 - (ii) Demographic survey.
 - (iii) The sub region.

UNIT II

1. Political ,strategic, economic, and military importance of Indian Ocean
 - (i) Ideologies in Indian Ocean.
 - (ii) Economic and strategic interdependence of the region.
 - (iii) Superpowers vs. middle powers and militarization of the region.
2. Strategic importance of the region.

UNIT III

1. Sub Regional Perspective:
 - (i) Persian gulf
 - (ii) Red sea and Horn of Africa.
 - (iii) Eastern and Southern Africa.
 - (iv) South Asia
2. Major sea routes in the region.

UNIT IV

1. Future Trends and prospects of security in the region.
2. Naval bases in the Indian Ocean area during the cold war and after.

UNIT V

1. Maritime strategy of India.
2. Aspects of co-operation in the Indian Ocean region.

Books Recommended

1. The Indian Ocean and the future of American power, Robert dDKaplan
2. Maritime forces in pursuit of national security Gurpreet S.Khurana.
3. India's Maritime security, Rahul Ray Chaudhary.
4. Seapower and Indian security, Rahul Ray Chaudhary.
5. Role of the coast in Maritime security of India, Prabhakaran Paleri.
6. An Indian ocean perspective ,National Maritime foundation publications

DSO 401

International and National Terrorism

Course objective: This paper introduces the concept of international and national Terrorism and its manifestations in historical perspective.

Course outcome:

1. Learn various typologies of terrorism in its different shades.
2. By conducting case studies, students will also be in a position to understand international and national terrorism sponsored by state and other stakeholders; and how international community cooperates against this scourge.

UNIT I

3. Terrorism: Definition, Meaning and concept.
4. Origin of Terrorism : Causes and factors.

UNIT II

3. Major Terrorist Incidents.
4. Major Terrorist Groups

UNIT III

3. Terrorism and National Security.
4. Terrorism and Regional Security.

UNIT IV

3. Terrorism and International Peace.
4. Terrorism in 21st century with special reference to scientific and technological Development

UNIT V

3. International, Regional and National efforts for removal of Terrorism.
4. Role of Peace Institutions for removal of Terrorism.

Course objective: the objective of this paper is to introduce the social science student to the developments in science and technology that have had an impact on the approaches to security over the ages.

Course outcome:

1. Acquire knowledge on how significant the role of science and technology is to Society and to National Security.
2. The paper also provides realization in contemplating on the military-industrial complex (MIC) of a nation; besides
3. Understanding the concepts and applications of Electronics Warfare and Ballistic Missile Defence (BMD).

UNIT I

1. Science and society: Science, Technology and society in different historical contexts.
2. Technological breakthroughs and social changes.

UNIT II

1. Technology and interdependence: Structure of International Interdependence.
2. Transfer of technology.

UNIT III

1. Military Industrial Complex
2. Nuclear technology: First, second and third generation technology.

UNIT IV

1. Space: Concepts and technology and their implications for security.
2. Communications, Marine technology

UNIT V

1. Role of chemical and biological technology and its linkage with military uses.
2. New military technologies: New conventional weapons

Books Recommended

1. Sameer K. Sen: Military technology on defence industrialization: The Indian Experience
2. Robert Jackson : Hi-Tech warfare
3. Air commodore (Dr) C. N.Ghosh : Future defence challenges: Armed forces of the 21st century