SHRI GURU RAM RAI UNIVERSITY

(Estd. By govt. Of uttarakhand, vide shri guru ram rai university act no. 03 of 2017 & recognized by UGC U/s (2f) of UGC Act 1956)
PATELNAGAR, DEHRADUN-248001, UTTARAKHAND, INDIA

Department of Defence Studies

SYLLABUS
for
Bachelor of Arts

UNDER NATIONAL EDUCATION POLICY-2020

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

(w.e.f. 2023-2024)

6/07/2023

Prof. (Dr) Geeta Rawat
(Chair Person)

Dr Yatish Prasad Vashishith
(External Expert)

6/7/2023

Prof. (Dr) Kumud Saklani, Dean Academic
(Special Invitee)

Dr Amardeep Singh Chauhan
(Convener)

Prof. (Dr) Priti Tiwari
(Member)

STRUCTURE OF B.A. DEFENCE STUDIES SYLLABUS

2023-2024

B.A. DEFENCE STUDIES

OUTCOME BASED EDUCATION

PROGRAM OUTCOME

PO1.	**Disciplinary knowledge**: Acquire knowledge of the discipline and conduct proper academia in various areas of discipline. The ability to engage with different tradition of multidisciplinary and interdisciplinary thoughts.
PO2.	**Critical thinking and Problem solving**: Recognize the social structures in our society which helps students and make them able to solve problems which are related to society.
PO3	**Investigation**: Evaluate data on the basis of empirical evidence and critically analyze theories, practices and policies using investigation skills.
PO4.	**Team learning**: Create leaders with the help of multidisciplinary training and courses as well as engage in initiatives that encourage growth for all.
PO5.	**Communication skills**: Develop ability to communicate effectively in context with social sciences which helps in operating and develop soft skills of students.
PO6	**Professionalism**: Recognize and respect different value systems by following the norms of academic integrity which will promote employability, entrepreneurship and professional integrity
PO7.	**Ethics**: Develop awareness among students of social sciences issues which inculcate ethical awareness and morality of students.
PO8	**Environment and Sustainable development**: Inter-relate social sciences with different disciplines which create sustainability of the environment to address local, regional, national and global needs.
PO9	**Lifelong learning**: Work on career enhancement by adapting professional and vocational requirements which leads to lifelong learning.
PO10	Imbibe qualities of good citizenship, morality and ethics so as to work for the betterment of mankind
PO11	Cultivate a broad array of interdisciplinary knowledge and skills integrating concepts of humanities and social sciences.
PO12	Able to apply critical thinking, creativity, skills, cultural sensitivity, and humanity to create awareness within society for problem –solving and interpretation.

PROGRAM SPECIFIC OUTCOME

PSO1	Explain about Wars and its types, warfare, weapons used in different countries including India; disaster and Defence journalism along with cyber security.
PSO2	Understand Planning, Defence Mechanism of Power Countries, Higher Defence organization and Armed forces, Paramilitary force & amp; intelligence system through theory and practical.
PSO3	Develop core competencies in – national security affairs; internal and external and natural challenges related to National security faced by any country (theory and practice).
PSO4	Equip the specific knowledge of India's threat perceptions, assessment of both internal and external level, awareness of problems the country faces as a nation state; study of maps and compass; structure, objectives, role and problems of Civil Defence Organization in India.

Eligibility for admission:

Any candidate who has passed the Plus Two of the Higher Secondary Board of Examinations in any state recognised as equivalent to the +2 of the Higher Secondary Board in with not less than 40% marks in aggregate is eligible for admission. However SC/ST, OBC and other eligible communities shall be given relaxation as per University rules.

Duration of the Programme:

1.One year for Certificate
2.Two Year for Diploma
3.Three years for Degree

Type of Course

Discipline Specific Core (DSC)

Discipline Specific Elective (DSE)

General Elective (GE)

Ability Enhancement Courses (AEC)

Skill Enhancement Course (SEC)

Internship/Apprenticeship / Project/ Community Outreach (IAPC)

Value Addition course (VAC)

List of Papers for the Degree of B.A/B.Sc. in Defence Studies
Semester-wise Titles of Papers in Defence Studies
First Year 1st Semester

Paper	Course Code	Course Name	Periods				Evaluation Scheme		
			L	T	P	C	Internal	External (ESE)	Subject Total
I	DEFDC 101	Fundamentals of Defence & Strategic Studies	3	-	-	3	30	70	100
II	DEFDL 101	Lab course based on DC 101	-	-	1	1	30	70	100
III	DEFDC 102	Conflict Resolution and Peace Building	3	-	-	3	30	70	100
IV	DEFDL 102	Lab course based on DC 102	-	-	1	1	30	70	100
V	DSC (Other)		4	-	-	4	30	70	100
VI	DEFGE 101	Introduction to Terrorism	4	-	-	4	30	70	100
VII	AEC-1 (2)		2	-	-	2	30	70	100
VIII	DEFSC 101	Fundamentals of Disaster management	2	-	-	2	30	70	100
IX	DEFVA 101	Choose one from a pool of Value Addition Course	2	-	-	2	30	70	100
		Total	20		2	22	270	630	900

2nd Semester

Paper	Course Code	Course Name	Periods				Evaluation Scheme		
			L	T	P	C	Internal	External (ESE)	Subject Total
I	DEFDC 201	Strategic Thought	3	-	-	3	30	70	100
II	DEFDL 201	Lab course based on DC 201	-	-	1	1	30	70	100
III	DEFDC 202	Evolution of Art of War in India	3	-	-	3	30	70	100
IV	DEFDL 202	Lab course based on DC 202	-	-	1	1	30	70	100
V	Other DSC	Another DSC	4	-	-	4	30	70	100
VI	DEFGE 201	International Terrorism	4	-	-	4	30	70	100
VII	DEFAE 201	Ability Enhancement Course	2	-	-	2	30	70	100
VIII	DEFSC 201	Strategic Leadership	2	-	-	2	30	70	100
IX	DEFVA 201	Choose one from a pool of Value Addition Course	2	-	-	2	30	70	100
		Total	20		2	22	270	630	900

Note: Student on Exit shall be awarded undergraduate certificate in the field of Study/Discipline after securing requisite 44 credits in semester I & I

Second year 3rd Semester

Paper	Course Code	Course Name	Periods				Evaluation Scheme		
			L	T	P	C	Internal	External (ESE)	Subject Total
I	DEFDC 301	Fundament of India's National Security	3	-	-	3	30	70	100
II	DEFDL 301	Lab course based on DC 301	-	-	1	1	30	70	100
III	DEFDC 302	National Security – conceptual Aspects	3	-	-	3	30	70	100
IV	DEFDL 302	Lab course based on DC 302	-	-	1	1	30	70	100
V	Other DSC	Another DSC	4	-	-	4	30	70	100
VI	DEFGE 301	Armed Forces and Society	4	-	-	4	30	70	100
VII	DEFAE 301	Ability Enhancement Course	2	-	-	2	30	70	100
VIII	DEFSC 301	Defence Journalism Or Internship/Apprenticeship/ project/Community Outreach (IAPC)	2	-		2	30	70	100
IX	DEFVA 301	Choose one from a pool of Value Addition Course	2	-	-	2	30	70	100
		Total	20		2	22	270	630	900

Second year 4th Semester

Paper	Course Code	Course Name	Periods				Evaluation Scheme		
			L	T	P	C	Internal	External (ESE)	Subject Total
I	DEFDC 401	Economic Aspects of National Security	3	-	-	3	30	70	100
II	DEFDL 401	Lab course based on DC 401	-	-	1	1	30	70	100
III	DEFDC 402	Military History of Uttarakhand	3	-	-	3	30	70	100
IV	DEFDL 402	Lab course based on DC 402.	-	-	1	1	30	70	100
V	Other DSC	Other DSC	4	-	-	4	30	70	100
VI	DEFGE 401	Evolution of Art of war in India	4	-	-	4	30	70	100
VII	DEFAE 401	Ability Enhancement Course	2	-	-	2	30	70	100
VIII	DEFSC 401	News and Content Analyze Or Internship/Apprenticeship/ project/Community Outreach (IAPC)	2	-	-	2	30	70	100
IX	DEFVA 401	Choose one from a pool of Value Addition Course	2	-	-	2	30	70	100
		Total	20		2	22	270	630	900

Note: Student on Exit shall be awarded undergraduate Diploma in the field of Study/Discipline After securing requisite 88 credits in semester I to IV

Third year 5th Semester

Paper	Course Code	Course Name	Periods				Evaluation Scheme		
			L	T	P	C	Internal	External (ESE)	Subject Total
I	DEFDC 501	Modern Warfare	3	-	-	3	30	70	100
II	DEFDL 501	Lab course based on DC 501	-	-	1	1	30	70	100
III	DEFDC 502	Conceptual Aspects of War	3	-	-	3	30	70	100
IV	DEFDL 502	Lab course based on DC 502	-	-	1	1	30	70	100
V	Other DSC	Other DSC	4	-	-	4	30	70	100
VI	DEFDE 501	Indian Defence Mechanism	4	-	-	4	30	70	100
VII	DEFDE 502	Non-Traditional Security Threats	4	-	-	4	30	70	100
VIII	DEFGE 501	Military Geography	4	-	-	4	30	70	100
IX	DEFSC 501	Basics of Defence Journalism Or Internship/Apprenticeship/project/Community Outreach (IAPC)	2	-	-	2	30	70	100
		Total	20		2	22	270	630	900

Third year 6th Semester

Paper	Course Code	Course Name	Periods				Evaluation Scheme		
			L	T	P	C	Internal	External (ESE)	Subject Total
I	DEFDC 601	International Relations & Organization	3	-	-	3	30	70	100
II	DEFDL 601	Lab course based on DC 601	-	-	1	1	30	70	100
III	DEFDC 602	Aspects of strategic Thought	3	-	-	3	30	70	100
IV	DEFDL 602	Lab course based on DC 602	-	-	1	1	30	70	100
V	Other DSC	Other DSC	4	-	-	4	30	70	100
VI	DEFDE 601	Cyber Security	4	-	-	4	30	70	100
VII	DEFDE 602	Legal Aspects of International Security	4	-	-	4	30	70	100
VIII	DEFGE 601	International Relations – Defence Aspects	4	-		4	30	70	100
IX	DEFSC 601	Introduction to cyber Security Or Internship/Apprenticeship/ project/Community Outreach (IAPC)	2	-		2	30	70	100
		Total	20		2	22	270	630	900

Note: Student on Exit shall be awarded Bachelor of Arts in the field of Study/Discipline after securing requisite 132 credits on completion of semester VI

Examination Scheme:

Components	1st Internal (Assignment/Presentation)	II nd Internal	External (ESE)
Weightage (%)	15 (15%)	15 (15%)	70 (70%)

FIRST YEAR (CERTIFICATE COURSE)

Fundamentals of Defence & Strategic Studies (Core) SEMESTER-I

Programme	Year: First	Semester: I
Course Code: DEFSC 101	Course Title: Fundamentals of Defence & Strategic Studies	

1. To introduce the discipline of Defence and Strategic Studies and its subject contents.
2. Contemporary Relevance; Importance to contemporary world development and relationship with other disciplines.
3. Clearly understand the definition, meaning and distinguish basic concepts of war;
4. Various types of war and its various typologies, techniques and characteristics; and
5. Grasp the concept and theories of nuclear war in detail.

Credits: 3	
Max. Marks: 70	**Min. Passing Marks 40**

Total No of Lectures: 45

Units	Topic
Units 1	Conceptual Formulation (a) Meaning and definition of Defence and Strategic Studies - its relevance and significance, and relationship with other disciplines of study. (b) Definition and meaning of basic concepts – War, Grand Strategy, Strategy, Tactics, Security and Defence.
Units 2	War A. Historical Evolution, Features and Causes. B. Principles of war.
Units 3	War as an instrument of policy: Past, Present and Future
Units 4	Typology of Warfare: (a) Conventional and Unconventional Wars – Civil Wars, Cold War, Guerrilla War, Insurgency Limited War & Total War. (b) ABC warfare – Atomic, Biological & Chemical warfare. WMDs

Recommended Books:

D.G.Chandler, The Atlas of Military Strategy: the art, theory and practice of war (London, 1980)
Field Marshal, Montgomery, Viscount, A History of Warfare, (London: Collins, 1968).
Fuller, J.F.C., the Foundation of the Science of War (London, 1925)
Galtung, Johan, The Struggle for Peace, (Ahmadabad: Gujarat Vidyapeeth, 1986).
Michael Howard, (ed), The Theory and Practice of War, 1965.
Palit, D.K., Essentials of Military Knowledge, EBD Dehradun.
Philip, T.R., (ed), Roots of Strategy, 1943. 000
Singh, L.J., Nature of War & North African Campaign (Hindi)

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Describe the concept of Defence and Strategic Studies
CO2	Discuss the fundamental concepts of War
CO3	Demonstrate the Basic concept and types of wars
CO4	Analyze the Typology of Warfare
CO5	Evaluate the peaceful settlement of International disputes.
CO6	Write about the Settling International Disputes

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	-	1	1	-	1	2	-	1	-	1	1	2	2	1	1
CO2	2	-	2	-	2	1	1	3	1	-	2	-	1	2	1	1
CO3	1	2	-	3	-	1	1	-	1	2	-	2	3	2	1	1
CO4	2	-	2	-	2	1	1	2	1	-	3	3	1	2	1	1
CO5	1	2	1	2	-	-	1	-	1	2	-	2	1	1	3	2
CO6	1	1	-	1	3	2	2	1	1	1	1	-	1	1	1	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

FIRST YEAR (CERTIFICATE COURSE)

Lab course based on DC 101 SEMESTER-I

Programme	Year: First	Semester: I
Course Code: BDFDL 101	Course Title: Lab course based on DC 101	

Course Objectives: The objectives of this course are

1. Introduce methods of study topo sheets, military conventional signs, grid systems, sheets index and scale.
2. Explore different types of maps and study them.
3. Develop spatial reasoning skills.

Credits: 1	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks: 40

Total No of Lectures: 15

TOPIC

1. Maps: Definition and Features; Classification and its utility for Military; Enlargement and reduction of Maps.
2. Conventional Signs: Military and Geographical
3. Grid System; Four figure and Six Figure Map Recommended.
4. North: Types of North and finding out True North; The Pole Star Method; The equal altitude method; Watch method & Compass method.
5. Short Presentation/Lecture

Recommended Books:

1. Military Map Reading by Gale and polden.
2. Prakriyatmak Sanya Vigyan (Hindi) Vol-1 & II by B.N.Maliwal.
3. Sainik Manchitra Vigyan-M.P.Verma.
4. Samrik Manchitra pathan (Hindi) Professor-Hazari Lal

Course outcomes (COs):

Upon successful completion of the course's student will be able to

CO1	Define Indication will be useful in observing the present military geographic location
CO2	Discuss the methods of studying the different types of maps.
CO3	Interpret to find the ways and directions through maps.
CO4	Differentiate different types of maps and study them.
CO5	Critique the methods of study topo sheets
CO6	Develop spatial reasoning skills.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	1	2	1	-	-	2	1	-	1	2	-	1	1	2	1	2
CO2	1	2	2	1	1	-	-	1	1	-	2	-	2	-	2	1
CO3	1	2	2	1	-	-	1	2	1	2	-	3	-	2	1	2
CO4	2	-	2	-	2	1	1	-	1	-	1	-	3	2	1	1
CO5	1	2	1	1	3	-	1	2	1	2	-	2	-	1	3	2
CO6	1	1	-	2	-	2	2	-	1	1	-	1	1	1	1	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

FIRST YEAR (CERTIFICATE COURSE)

CONFLICT RESOLUTION AND PEACE BUILDING (Core) SEMESTER-I

Programme	Year: First	Semester: I
Course Code: DEFDC 102	Course Title: CONFLICT RESOLUTION AND PEACE BUILDING	

After undergoing this course, a student will be in a position to –
1. Learn the meaning and concept of Conflict Resolution and Peace Building.
2. Study the methods for conflict resolution; and
3. In creating win-win situation by peaceful methods of resolving issues or conflicts between nation states.

Credits: 3	
Max. Marks: 70	**Min. Passing Marks 40**

Total No of Lectures: 45

Units	Topic
Units 1	Conflict Resolution and Peace Building: Concept and Significance.
Units 2	Nature of Conflict: Inter – state and Intra – state.
Units 3	Methods for conflict resolution: - a. Pacific Methods b. Coercive Methods.
Units 4	Peace Building: Local, Regional and International perspective.

Recommended Books:

Barash, David, P. (2014) Approaches to Peace: A Reader in Peace Studies, Oxford University Press, London.
Garnett Johan, (1970) Theories of Peace and Security, Palgrave Macmillan, London.
Galtung, Johan, (1996) Peace by Peaceful Means: Peace and Conflict, Development and Civilization, Sage Publications, London.
Galtung, Johan, (1984), The Struggle for Peace, Navajivan Publishing House, New Delhi.

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Illustrate the meaning and concept of Conflict Resolution and Peace Building.
CO2	Explain the Conflict Resolution and Peace Building:
CO3	List the peaceful settlement of International disputes.
CO4	Investigate knowledge about peace research
CO5	Evaluate the Inter – state and Intra – state conflicts.
CO6	Gain knowledge about peace research

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	-	2	-	1	1	1	1	1	-	2	3	1	2	1	1
CO2	1	2	1	2	-	-	1	3	1	2	1	-	-	1	3	2
CO3	1	2	1	-	2	1	1	-	1	2	-	2	1	-	2	1
CO4	1	2	1	1	-	-	1	1	1	2	1	-	-	1	3	2
CO5	-	-	-	3	1	2	3	-	-	-	-	2	2	2	-	1
CO6	1	1	-	-	-	1	2	1	1	1	2	-	1	1	1	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

FIRST YEAR (CERTIFICATE COURSE)

Lab course based on DC 102 SEMESTER-I

Programme	Year: First	Semester: I
Course Code: BDFDL 102	Course Title: Lab course based on DC 102	

Course Objectives: The objectives of this course are

1. Introduce methods of study topo sheets, military conventional signs, grid systems, sheets index and scale.
2. Explore different types of maps and study them.
3. Develop spatial reasoning skills.

Credits: 2	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks: 40

Total No of Lectures: 15

Units	Topic
Units-1	R Relief Features and their representation on the Map.
Units-2	To draw a Field Sketch from a given route Report.
Units-3	Types of slope and their representation on the Map
Units-4	Short Presentation/Lecture

Recommended Books:

'SAMRIK MANCHITRA PATHAN' (Hindi)): Professor Hazari Lal : (1979) Part-1 and Part-II : Publisher: Shamrik Prakashan Kendra, 2/119, Shyam Nagar, ALIGARH (U.P). Military Map Reading by Gale and Polden.

PRAKRIYATMAK SAINYA VIGYAN (Hindi) Part-1 and Part-II, By B.N. MALIWAL;(1968) EBD Publishing and Distributing Company 144, Rajpur Road, Dehradoon. OR Latest Publisher of this Book is: Chandra Prakash and Brother, Kothi Road, HAPUR, Distt. Ghaziabad (UP). Sainik Manchitra Vigyan: M.P.Verma, Aligarh (UP).

Course outcomes (COs):

Upon successful completion of the course's student will be able to

CO1	Find the positions on the maps through different methods.
CO2	Gather knowledge for field sketch from route reports through practical.
CO3	Analyze the students to read about maps through field work.
CO4	Explore the functions of different scales.
CO5	Know about slope, and contour lines on a map by scale.
CO6	Learn the actual distance between places.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	1	2	1	1	-	2	2	-	2	2	1	1	2
CO2	1	2	3	2	-	1	1	1	1	-	1	-	-	2	2	2
CO3	2	1	2	1	2	1	1	-	1	-	-	1	3	1	2	2
CO4	2	-	2	1	-	1	1	1	1	2	1	-	1	1	3	2
CO5	1	2	1	-	1	-	1	-	1	2	1	2	-	1	2	3
CO6	2	1	2	1	-	1	1	-	1	-	-	1	3	1	2	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

First YEAR (CERTIFICATE COURSE) SEMESTER-I

Introduction to Terrorism

Programme	Year: Second	Semester: I
Course Code: DEFGE 101	Course Title: Introduction to Terrorism	

Course Objectives: The objectives of this course are

1. This paper introduces the concept of Terrorism and its manifestations in historical Perspective.
2. Motivated organized violence targeting the population and the government threatening the existing social and political order has become very prevalent in today's world.
3. Understanding of terrorism is essential to appreciate the events in right perspective.

Credits: 4	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks: 40

Total No of Lectures: 45

Units	Topic
I	Introduction (a) Definition and meaning of Terrorism. (b) History of Terrorism. (c) Nature and Tactics of Terrorism.
II	Terrorism in perspective (a) Causes of Terrorism. (b) Types of Terrorism. (c) Levels of Terrorism.
III	Terrorism and India (a) Kashmir- Cross-border terrorism (b) Terrorism in North-East India. (c) Major Terrorism attacks
IV	Left-Wing Extremism in India (a) Naxalite Movement (b) Growth of Maoist Insurgency (c) Red Corridor

Recommended Books:

B.P.Singh, Sehgal, Global Terrorism: Socio-Political and Legal Dimensions, New Delhi: Deep & Deep Publications,1996.

Virender Grover, (ed). Encyclopeadia of International Terrorism: Terrorism, History and Development, Vol.1, New Delhi; Deep & Deep Publications,2002.

Virender Grover, (ed)., Encyclopeadia of International Terrorism: Terrorism in World Countries, Vol.2, New Delhi: Deep & Deep Publications,2002.

Walter Laqueur, Terrorism, Boston: Little Brown and Co., 1977.

Yonah Alexander, David Carton and Paul Wilkinson, Terrorism: Theory and Practice, Colorado: West View Press,1979.

Course outcomes (COs):

Upon successful completion of the course's student will be able to

CO1	Describe all the aspects of Terrorism
CO2	Understand various typologies of terrorism in its different shades.
CO3	Explore the terrorism in India and other countries
CO4	Compare terrorism sponsored by state and other stakeholders;
CO5	Evaluate different types of powers to control terrorism.
CO6	Express the different causes and tactics of terrorism.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	-	1	1	-	1	2	1	-	1	1	2	-	3
CO2	2	-	2	1	2	1	1	-	2	-	1	1	-	1	-	1
CO3	2	1	1	-	2	1	-	2	2	2	-	2	2	1	-	2
CO4	1	2	1	2	-	2	1	-	1	2	1	-	1	1	3	2
CO5	2	1	1	-	3	1	-	2	2	2	1	1	2	1	2	2
CO6	3	1	1	3	-	1	2	-	2	1	2	1	-	-	3	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

FIRST YEAR (CERTIFICATE COURSE)

Fundamentals of Disaster Management SEMESTER-I

Programme	Year: First	Semester: I
Course Code: DEFSC 101	Course Title: Fundamentals of Disaster Management	

1. The course will provide general insight to understanding disaster management.
2. It will explore the approaches including appraising on disaster, typology and management Along with various other approaches.
3. To read about the different policies and elements of Disaster management.

Credits: 2

Max. Marks: 70	**Min. Passing Marks 40**

Total No of Lectures: 30

Units	Topic
Units 1	Disaster Management. A. Meaning and definition of disaster management. B. Concept and Significance. C. Approaches to Disaster Management-Elements, Rationale and Objectives.
Units 2	Typology of Disaster. A. Natural Disaster. B. Manmade Disaster.
Units 3	Policy. A. National. B. Options and significance. C. Disaster management support.
Units 4	Elements of Disaster Management. A. Rescue. B. Relief. C. Rehabilitation. D. Mitigation.

Recommended Books:

1. Bourriau, Janine; Understanding Catastrophe; Cambridge University Press, Cambridge, 1992. Carter,
2. W. Nick; Disaster Management - A Disaster Manager's Handbook, A.D.B., Manilla, Philippines, 1991.
3. Coppola, P. Damon, Introduction to International Disaster Management. Elsevier, Oxford, 2006.
4. Garlake, Teresa, Dealing with Disasters, Oxfam, Oxford, 2000.
5. Goel SL and Ram Kumar, Disaster Management, Deep & Deep Publications, New Delhi, 2001,
6. Goel, S.L. Encyclopedia of Disaster Management, Deep and Deep Publications, New Delhi, 2006.
7. Keller, A Edward, Environmental Geology, Prentice Hall, New Delhi, 2010.
8. Monappa, K.C., Disaster Preparedness Akshay Public Agencies, New Delbi, 2004.

Course outcomes (COs):

Upon successful completion of the course's student will be able to

CO1	Memorize different concept of disaster management.
CO2	Understand the concepts of disaster and disaster management.
CO3	Explain disaster its Types, Causes, Effects;
CO4	Differentiate disasters - both natural and manmade and its impact on society and ecological systems.
CO5	Distinguish importance of Team management.
CO6	Formulate the knowledge on policies and actions regarding preparedness, mitigation, relief and rehabilitation.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	1	2	1	1	2	3	1	1	1	1	-	1	3	2	3	3
CO2	1	-	2	-	1-	2	2	-	2	-	1	2	1	-	1	2
CO3	3	2	3	-	-	1	2	2	2	2	-	3	-	1	2	3
CO4	1	2	3	1	2	3	2	1	2	-	2	-	3	2	3	3
CO5	2	1	1	-	1	1	-	-	2	2	1	1	-	2	-	1
CO6	2	2	3	2	2	3	2	1	2	1	2	-	2	2	3	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

FIRST YEAR (CERTIFICATE COURSE)

Strategic Thought SEMESTER-II

Programme	Year: First Year	Semester: II
Course Code: DEFDC 201	Course Title: Strategic Thought	

Course Objectives

1. The paper provides basic knowledge about the concepts of selected strategic thinkers and their relevance even during the present times.
2. To make the students realize the value of strategic thoughts in policy formation.
3. To explore the way of thinking of different thinkers.

Credits: 3	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks:40

Total No of Lectures: 45

Units	Topic
Unit 1	Introduction (a) Concept of strategic thought (b) Concept of Non – Violence by Gandhi
Unit 2	Linkages between War and Politics (a) Concepts of Machiavelli (b) Concepts of Jomini (c) Clausewitz's theories on war and politics.
Unit 3	Concepts on Land, Sea, and Air Power (a) J.F.C. Fuller and Liddell Hart: Their views on Mechanized warfare (b) Douhet: Their views on the Role of Air Power in (c) A.T. Mahan
Unit 4	NUCLEAR STRATEGY (a) The impact of Nuclear weapons on strategy (b) Strategy of Deterrence (c) Nuclear Strategies since1945.

Recommended Books:

Adhikari, S., Strategic Chintan (Hindi).
E.M. Earle (ed), Makers of Modern Strategy: Military Thought from Machiavelli to Hitler, 1948.
Fuller, J.F.C., The Foundations of the Science of War (London, 1925).
Murray, Williamson, Knox, Macgregor, and Bernstein, Alvin (eds.) , The Making of Strategy,(Cambridge,1994).
Paret, Peter (ed.), Makers of Modern Strategy, (Princeton, 1986) John Baylis, Makers of Modern Strategy
Singh, G.C., Strategic Chintan (Hindi).
Singh, L.J., Kautilya's Philosophy of War (Hindi).
Singh, L.J., Sainya Chintak.
Tripathi,K.S., Evolution of Nuclear Strategy, (Delhi,1980).
Weller, Jac, Weapons and Tactics (London, 1966).

Course outcomes (COs):

Upon successful completion of the course's student will be able to

CO1	Understand the strategic thoughts related to security; strategic thoughts of Gandhi
CO2	Interpret the different concepts of various thinkers
CO3	Explain the concepts on land, sea and air power
CO4	Analytical thinking regarding relevance of such thought to contemporary period.
CO5	Conclude the basic theories of Revolutionary War
CO6	Right the impact of weapons and strategies

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	-	3	-	1	2	-	1	2	1	1	3	1	3	-
CO2	2	2	2	-	1	1	2	2	1	-	1	-	1	-	2	2
CO3	2	2	1	-	-	1	1	-	1	2	-	2	2	2	1	-
CO4	1	-	-	1	2	-	2	1	-	2	1	-	-	1	1	1
CO5	2	2	2	1	-	1	2	-	1	-	-	1	1	-	2	2
CO6	2	2	1	-	3	1	1	3	1	1	3	2	-	3	2	1

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

FIRST YEAR (CERTIFICATE COURSE)

Lab course based on DC 201

Programme	Year: First	Semester: II
Course Code: DEFDL 201	Course Title: Lab course based on DC 201	

Course Objectives: The objectives of this course are

1. To gain knowledge about the right direction by compass method and the usefulness of service protector.
2. To help students understand the functions and uses of Prismatic Compass.
3. Encourage students to read about maps through field work.

Credits: 1	**Core Compulsory/Elective**
Max. Marks: 70	**Min. Passing Marks:40**

Total No of Lectures: 15

Units	Topic
Units-1	Bearing: Definition, Inter conversion of Bearing in detail.
Units-2	Liquid Prismatic Compass (LPC): Features and functions of its various parts: Attempt following exercise on the LPC: To determine magnetic north; Setting of the Map.
Units-3	To find out the bearing of a point from other point situated on the ground.
Units-4	Short presentation/Lecture

Recommended Books:

'Prakriyatmak Sanya Vigyan' (Hindi): Vol.-1 & II by B.N.Maliwal.
'Sainik Manchitra Vigyan' M.P.Verma
'Samrik Manchitra Pathan' (Hindi) Professor-Hazari Lal.
Military Map Reading by Gale and Polden.

Course outcomes (COs):

Up on successful completion of the course's student will be able to

CO1	Remember the functions and uses of Prismatic Compass.
CO2	Explain the important directions of compass and to make it useful in present day dangers for students.
CO3	Demonstrate the world through compass.
CO4	Illustrate maps through field work.
CO5	Discriminate the Bearing and Inter-conversions of Bearings in detail.
CO6	Express engagement with the surroundings.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	1	2	2	1	1	-	2	-	1	2	-	1	2	1	2	1
CO2	2	2	2	1	1	1	-	2	2	-	1	2	-	-	-	1
CO3	1	1	2	1	1	-	-	-	1	2	2	-	1	1	2	3
CO4	2	1	2	1	-	1	1	3	1	-	-	1	3	1	2	2
CO5	1	2	1	-	2	-	1	-	1	2	1	-	-	1	3	2
CO6	2	1	2	2	-	1	1	1	1	1	3	2	2	-	2	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

FIRST YEAR (CERTIFICATE COURSE)
EVOLUTION OF ART OF WAR IN INDIA SEMESTER-II

Programme	Year: First Year	Semester: II
Course Code: DEFDC 202	Course Title: Evolution of Art of war in India	
Objective: This paper attempts to familiarize the students with evolution of art of warfare in India. It is to establish that the art of warfare changes with changes in political governance, nature of threat, and weapon systems.		
Credits: 3		**Core Compulsory/Elective**
Max. Marks: 70		**Min. Passing Marks:40**
Total No of Lectures: 45		

Units	Topic
Unit 1	Warfare in Ancient India. A. Types of war during Vedic period. B. Alexander's invasion of India (battle of Hydaspas).
Unit 2	Military System of the Mauryan Period. A. Military organizations of Maurayas and Kautilya's philosophy of war.
Unit 3	Rajput Military System. A. Mohammed Ghori's conquest of India (Battle of Tarrain I & II). B. Causes of Rajput failures in the middle ages.
Unit 4	The Maratha Military System. A. The military organization of Shivaji. B. The Military Organization of Marathas.

Recommended Books:

1. Anjoli Nirmal, The Decisive Battles of Indian History, Jaipur: Pointer Publications, 1999.
2. Das, S.T., Indian Military: Its History and Development, Allahabad: KitabMahal,1979.
3. Majumdar, R.C., An Advanced History of India, New York: St.Martin, 1967.
4. Malleson, G.B., The Decisive Battles of India, London:W H.Allen, 1885
5. Roy, Koushik., From Hydespas to Kargil : A History of Warfare in India from 326 B.C. to A.D 1999, Delhi: Manohar, 2004.
6. Sarkar, Jadunath., Military History of India, Bombay: Orient Longmans, 1970.
7. Saxena, K.L.M., Military System of India-1850-1900, Delhi'1976.
8. Singh, L.J., Indian Military History (Hindi).
9. Singh, L.J., Kautilya's Philosophy of War (Hindi).
10. Tandan, Aggarwal, Singh, Bharatiya Yudh Kala (Hindi).
11. V.R.R. Dikshitar, Wars in Ancient India, 1948.

Course outcomes (COs):

Upon successful completion of the course's student will be able to

CO1	Gaining knowledge about ancient India and military system
CO2	Exploration of the organization of war philosophy of different periods of history.
CO3	Understand the techniques of war of different rulers.
CO4	Investigate the main reasons for the failure of the military systems in the middle ages.
CO5	Evaluate the complete Military System of different periods.
CO6	Express the Military Organization of Maurya, Shivaji and Marathas.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	-	3	-	1	2	-	1	2	1	1	3	1	3	-
CO2	2	2	2	-	1	1	2	2	1	-	1	-	1	-	2	2
CO3	2	2	1	-	-	1	1	-	1	2	-	2	2	2	1	-
CO4	1	-	-	1	2	-	2	1	-	2	1	-	-	1	1	1
CO5	2	2	2	1	-	1	2	-	1	-	-	1	1	-	2	2
CO6	2	2	1	-	3	1	1	3	1	1	3	2	-	3	2	1

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

FIRST YEAR SEMESTER-II

Lab course based on DC 202

Programme	Year: First	Semester: II
Course Code: DEFDL 202	Course Title: Lab course based on DC 202	

Course Objectives: The objectives of this course are

1. To gain knowledge about the right direction by compass method and the usefulness of service protector.
2. To help students understand the functions and uses of Prismatic Compass.
3. Encourage students to read about maps and Sketch charts through field work.

Credits: 1	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks: 40

Total No of Lectures: 15

Units	Topic
Units-1	1.Sketching of the charts. 2.Battle of Hydaspas 3.Battle of Tarrain I & II
Units-2	Compass variation and Determination of individual compass verror. (ICE)
Units-3	To draw a Field Sketch from a given route Report.
Units-4	Lecture and group discussion on current defence topics.

Recommended Books:

'SAMRIK MANCHITRA PATHAN' (Hindi)) : Professor Hazari Lal : (1979) Part-1 and Part-II : Publisher: Shamrik Prakashan Kendra, 2/119, Shyam Nagar, ALIGARH (U.P). PRAKRIYATMAK SAINYA VIGYAN (Hindi) Part-1 and Part-II, By B.N. MALIWAL; (1968) EBD Publishing and Distributing Company 144, Rajpur Road, Dehradun OR Latest Publisher

Course outcomes (COs):

Up on successful completion of the course's student will be able to

CO1	Explore gradient method, ratio method and section diagram method
CO2	Gather knowledge for field sketch from route reports through practical.
CO3	Analyze the students to read about maps through field work.
CO4	Explore the techniques of finding the routes and to draw Field sketches.
CO5	Evaluate the presentation and Different method of marching
CO6	Write about the Route Reports.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	1	2	-	1	2	1	1	1	1	2	2	1	3	-
CO2	2	2	-	-	3	1	2	2	1	-	-	1	1	-	2	2
CO3	1	2	3	3	-	1	1	-	2	1	1	1	1	1	3	1
CO4	2	2	1	-	2	1	1	2	1	2	2	2	2	2	1	-
CO5	2	2	-	1	3	1	2	1	1	-	1	-	1	-	1	2
CO6	2	2	1	-	1	1	1	-	1	1	-	1	-	2	2	1

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

FIRST YEAR SEMESTER-II

INTERNATIONAL TERRORISM SEMESTER: II

Programme	Year: First	Semester: II
Course Code: DEFGE 201	Course Title: International Terrorism	

Course Objectives: The objectives of this course are

After undergoing this course, a student will be in a position to –

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

Credits: 4	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks:40

Total No of Lectures: 60

Units	Topic
Units-1	International Terrorism.: Meaning, concept, philosophy and historical perspective.
Units-2	Causes of Terrorism: Social, Economic, Political and Religious.
Units-3	State Terrorism & State-sponsored Terrorism.
Units-4	Manifestations of terrorism: Small Arms Proliferation, Drug Trafficking and Money laundering.

SUGGESTED READING

- Alexander, Yonah and Seymour, Maxwell Finger (eds) (1977) Terrorism: Interdisciplinary Perspective: New York, The John Jay Press.
- Brass, Paul R., (1991) Ethnicity and Nationalism: New Delhi, Sage Publications.
- Combs, Cindy C., (1997) Terrorism in the Twenty-first Century: New Jersey, Prentice Hall.
- Juergensmeyer, Mark (ed), (2001) Terror in the Mind of God- The Global Rise of Religious Violence: New Delhi, Oxford University Press.
- Kartha, Tara, (1999) Tools of Terror: Light Weapons and India's Security: New Delhi, Knowledge World and IDSA.
- Lequeur, Walter, (1977) Terrorism: London, Little Brown and Company.
- Lequeur, Walter, (1987) The Age of Terrorism: London, Little Brown and Company.
- Lequeur, Walter, (2003) No End to War: New York, Continuum.
- Lequeur, Walter, (1999) The New Terrorism: Oxford, Oxford University Press.
- Marwah, Ved, (1995) Uncivil Wars: Pathology of Terrorism in India: New Delhi, Harper Collins.
- Sondhi, M.L.(ed), (1990) Terrorism and Political Violence- A Source Book: New Delhi, Har-Anand Publications.
- Wardlaw, Grant, (1982) Political Terrorism: Cambridge.
- Wilkinson, Paul, (1987) Terrorism and the Liberal States: New York, University Press.

Course outcomes (COs):

Up on successful completion of the course's student will be able to

CO1	Identify the International Terrorism, Causes of Terrorism and State Terrorism & State-sponsored Terrorism
CO2	Describe the Causes of Terrorism and Small Arms Proliferation, Drug Trafficking and Money laundering
CO3	Explain the terrorism sponsored by state and other stakeholders;
CO4	Analyze Manifestations of terrorism
CO5	Evaluate the State Terrorism & State-sponsored Terrorism
CO6	Write the Meaning, concept, philosophy and historical perspective of International Terrorism.

CO-PO Mapping

Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO8	PO9	PO10	PO11	PO12	PS01	PSO2	PSO3	PSO4
CO1	2	1	1	-	1	1	-	1	2	1	-	1	1	2	-	3
CO2	2	-	2	1	2	1	1	-	2	-	1	1	-	1	-	1
CO3	2	1	1	-	2	1	-	2	2	2	-	2	2	1	-	2
CO4	1	2	1	2	-	2	1	-	1	2	1	-	1	1	3	2
CO5	2	1	1	-	3	1	-	2	2	2	1	1	2	1	2	2
CO6	3	1	1	3	-	1	2	-	2	1	2	1	-	-	3	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

FIRST YEAR SEMESTER-II

Strategic Leadership

Programme	Year: First	Semester: II
Course Code: DEFSC 201	Course Title: Strategic Leadership	

Course Objectives: The objectives of this course are

After undergoing this course, a student will be in a position to –

- Know the concept of Strategic Leadership and Leadership Styles.
- Learn the importance of Team Building and Management; and
- Military Leadership and the Principles of Armed Forces Leadership besides, understanding the decision making processes of leaders at various points.

Credits: 2	Core Compulsory/Elective
Max. Marks: 70	**Min. Passing Marks:40**

Total No of Lectures: 30

Units	Topic
Units-1	Introduction to Strategic Leadership: Meaning, Significance and Styles.
Units-2	Behavioral Concepts – Individual Behavior – Perception – Learning – Attitude Formation and Change – Motivation – Theories of Motivation – Personality Development.
Units-3	Team Building and Management – Developing team resources – Designing team – Participation and Repercussion – Team building activities.
Units-4	Military Leadership: Meaning, attributes and Characteristics of Military Leadership

SUGGESTED READING

- Aswathappa, (2007) Organisational Behaviour, Himalaya Publishing House, Mumbai
- Fred Luthans, Organizational Behaviour, (2007) Tata McGraw-Hill Publishing Co., New Delhi.
- Koontz Harold and O' Donnell Cyril, (2000) Essentials of Management, Tata McGraw-Hill Publishing Co., New Delhi.
- Newstorm J.W, and Keith Davis, (1995) Human Behaviour at Work, Tata McGraw-Hill Publishing Co. New Delhi.
- Robbins, Stephen P, (1996) Organisational Behaviour, 9th Edition, Prentice Hall of India, New Delhi.
- Stoner, James and Freeman Edward, (1989) Management, Prentice-Hall of India, New Delhi.

Course outcomes (COs):

Upon successful completion of the course's student will be able to

CO1	Identify the Strategic Leadership, Behavioral Concepts and Team Building and Management
CO2	Describe the Military Leadership
CO3	Explain the Individual Behavior Perception, Learning, Attitude Formation and Team building activities
CO4	Analyze the Characteristics of Military Leadership and Personality Development.
CO5	Evaluate the Strategic Leadership and Individual Behavior
CO6	Write about the basic concept Meaning, Significance of Strategic Leadership

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	PSO 4
CO1	1	2	2	1	1	-	2	-	1	2	-	1	2	1	2	1
CO2	2	2	2	1	1	1	-	2	2	-	1	2	-	-	-	1
CO3	1	1	2	1	1	-	-	-	1	2	2	-	1	1	2	3
CO4	2	1	2	1	-	1	1	3	1	-	-	1	3	1	2	2
CO5	1	2	1	-	2	-	1	-	1	2	1	-	-	1	3	2
CO6	2	1	2	2	-	1	1	1	1	1	3	2	2	-	2	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Second YEAR (Diploma Course)

Fundament of India's National Security SEMESTER-III

Programme - B. A/B.sc	Year: Second	Semester: III
Course Code: DEFDC 301	Course Title: Fundament of India's National Security	

1. To develop special subject knowledge on the vital concept of National Security and the approaches toachieve it (Special Recommended to India).
2. To learn about different national and international policies made for the security of India.
3. To explore the reality related to the National security.

Credits: 3	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40
Total No of Lectures: 45	

Units	Topic
Units 1	Introduction a) Definition, Scope and features of the Concept of National Security b) Concept of National Power – elements of national power (tangible and intangible) Fundamental factors, Values, goals and policies that determine National Security
Units 2	Foreign Policy and Defence Policy a) Definition, Meaning, Scope & Determinants of Defence Policy b) Definition, Meaning, Scope, & Determinants of Foreign Policy Linkage between Foreign policy and Defence policy
Units 3	Threats to National Security a) Meaning and Definition of Threat b) Threat Perception c) Types of threats and Threats to India
Units 4	Strategic Environment of India a) Features of strategic environment – its scope in policy making. b) India's Strategic environment – Immediate Neighbors', Adjacent Regions, IndianOcean and Global structure. C) India's Military preparedness – Defence Budget, Force structure and organization.

Recommended Books:

Bajpai, U.S.,(ed) India's Security : The Politico-Strategic Environment, New Delhi :Lancers Books, 1983.

Barry, Buzon., People, State and Fear : The National Security Problems in InternationalRelations, Sussex ; Wheatsheaf Books, 1983.

Dixit, J.N., Across Borders: Fifty Years of India's Foreign Policy, New Delhi: Picus Books,1998.

Jayaramu, P.S., India's National Security and Foreign Policy, New Delhi: ABC Publishers, 1978.Kaul, T.N., India and the New World Order, Vol. 1, New Delhi: Gyan, 2000.

Kux, Dennis, Estranged Democracies: India and the United States 1941 - 1991, New Delhi: Sage Publications, 1994.

Satish Kumar, (ed).,Yearbook on India's Foreign Policy, New Delhi : Deep & Deep,1993. Singh, L.J., National Defence and Security

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Recall the basic concepts of National and International Security, and different Policies.
CO2	Classify the difference between Foreign policy and Defence policy.
CO3	Demonstrate specific knowledge of India's threat perceptions;
CO4	Relate the national security challenges both internal and external a country face;
CO5	Support the Contemporary security environment in the world.
CO6	Apply strategies and policy making management

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	-	-	1	2	-	1	-	-	1	1	-	2	1
CO2	2	2	2	-	-	2	1	-	2	-	1	-	-	-	1	2
CO3	3	2	3	-	-	1	2	-	2	2	-	-	-	1	2	3
CO4	2	1	2	1	-	1	1	-	1	-	-	1	3	1	2	2
CO5	3	1	2	-	-	1	1	-	2	2	1	-	1	3	-	1
CO6	1	-	1	-	-	-	1	-	1	1	-	-	-	-	2	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Second YEAR (Diploma Course)

Lab course based on DC 301 SEMESTER-III

Programme - B. A/B.sc	Year: Second	Semester: III
Course Code: DEFDL 301	Course Title: Lab course based on DC 301	

1. To gather knowledge about slope, and contour lines on a map by scale: time scale, diagonal scale.
2. To determine the actual distance between places.
3. To explore the scales as essential security tool for creating and interpreting maps.

Credits: 1	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 15

Units	Topic
Units 1	SCALE: Construction of Time Scale and Diagonal Scale.
Units 2	Relief Features and their representation on the Map.
Units 3	Finding Positions on the Gridded Map by Intersection Method and Resection Method.
Units 4	Lecture and group discussion on current defence topics.

Recommended Books: 'SAMRIK MANCHITRA PATHAN' (Hindi)) : Professor Hazari Lal : (1979) Part-1 and Part-II : Publisher: Shamrik Prakashan Kendra, 2/119, Shyam Nagar, ALIGARH (U.P). Military Map Readingby Gale and Polden.
PRAKRIYATMAK SAINYA VIGYAN (Hindi) Part-1 and Part-II, By B.N.MALIWAL;(1968) EBD Publishing and Distributing Company 144, Rajpur Road, Dehradoon. OR Latest Publisher of thisBook is: Chandra Prakash and Brother, Kothi Road, HAPUR, Distt. Ghaziabad (UP). Sainik Manchitra Vigyan : M.P.Verma, Aligarh (UP).

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Recall map reading and map making through practical.
CO2	Explain the functions of different scales.
CO3	Implement positions on the maps through different methods.
CO4	Analysis the knowledge about slope, and contour lines on a map by scale.
CO5	Discriminate the actual distance between places.
CO6	Express the scales as essential security tool for creating and interpreting maps.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	2	1	-	1	1	-	2	-	-	1	-	2	-	3
CO2	2	-	2	1	-	1	1	-	2	-	1	-	-	1	-	1
CO3	2	2	2	1	-	1	1	-	2	2	-	-	-	1	1	2
CO4	1	2	1	-	-	-	1	-	1	2	1	-	-	1	3	2
CO5	2	1	2	1	-	1	1	-	1	-	-	1	3	1	2	2
CO6	2	1	2	-	-	1	1	-	1	1	-	-	-	-	2	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Second YEAR (Diploma Course)

NATIONAL SECURITY – CONCEPTUAL ASPECTS SEMESTER-III

Programme - B. A/B.sc	Year: Second	Semester: III
Course Code: DEFDC 302	Course Title: National Security – Conceptual Aspects	

After undergoing this course, a student will be in a position to –

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.

Credits: 3	**Core Compulsory/Elective**
Max. Marks: 70	**Min. Passing Marks 40**
Total No of Lectures: 45	

Units	Topic
Units 1	National Security: Conceptual Aspects.
Units 2	Elements of National Security a. Geography b. Mineral resources c. Social, political and economic factors d. Scientific and technological development e. Military preparedness
Units 3	Challenges to National Security a. Internal Challenges b. External Challenges

Recommended Books: Booth, Ken, (2007), Theory of World Security: Cambridge University Press, Cambridge.

Buzan, Barry., (1987), People, State and Fear, Trans Asia Publications. New Delhi.

Chowdhary, Subrata Roy., (1966), Military Alliances and Neutrality in War and Peace, Orient Longman, New Delhi,

Das, S.T., (1987), National Security in Perspective, Gyan Publishing House, New Delhi.

Frankel, Joseph, (1970), National Interest, Macmillan London. Military Balance., Latest Edition (IISS)

Morgenthau, Hans J., (1969), Politics Among Nations, Scientific Book Agency, Calcutta.

Palmer, Norman D. and Perkins, Howard C., (1968), International Relations, Scientific Book Agency, Calcutta.

Singh, Nagendra., (1974), The Defence Mechanism and the Modern State, Asia Publishing House. New Delhi.

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Acquire knowledge of the conceptual aspect of national security.
CO2	Discuss on ideological issues of national security.
CO3	Analyse major elements and sources of national security.
CO4	Explore the key elements of security military preparedness.
CO5	Assessment of challenges in national security.
CO6	Display internal and external security on the security panel.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	-	-	1	2	-	1	-	-	1	1	-	2	1
CO2	2	2	2	-	-	2	1	-	2	-	1	-	-	-	1	2
CO3	3	2	3	-	-	1	2	-	2	2	-	-	-	1	2	3
CO4	2	1	2	1	-	1	1	-	1	-	-	1	3	1	2	2
CO5	3	1	2	-	-	1	1	-	2	2	1	-	1	3	-	1
CO6	1	-	1	-	-	-	1	-	1	1	-	-	-	-	2	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Second YEAR (Diploma Course)

Lab course based on DEFDC 304 SEMESTER-III

Programme - B. A/B.sc	Year: Second	Semester: III
Course Code: DEFDL 302	Course Title: Lab course based on DC 302	
Credits: 1		Core Compulsory/Elective
Max. Marks: 70		Min. Passing Marks 40
Total No of Lectures: 15		

Units	Topic
Units 1	Enlargement and Reduction of Maps.
Units 2	Detailed Study of an Infantry platoon including Organization Weapons and Equipment's.
Units 3	Servics Protector its uses.
Units 4	Presentations on current defence topic.

Recommended Books:

1. Military Map Reading by Gale and polden.
2. Prakriyatmak Sanya Vigyan (Hindi) Vol-1 & II by B.N.Maliwal.
3. Sainik Manchitra Vigyan-M.P.Verma.
4. Samrik Manchitra pathan (Hindi) Professor-Hazari Lal

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Define the enlargement and reductior map.
CO2	Explain the techniques of order and fire control.
CO3	Analysis of Infantry Platoon.
CO4	Explore the Organization Weapons.
CO5	Evaluate the Service Guard.
CO6	Investigate the organization's weapons and infantry platoon.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	2	1	-	1	1	-	2	-	-	1	-	2	-	3
CO2	2	-	2	1	-	1	1	-	2	-	1	-	-	1	-	1
CO3	2	2	2	1	-	1	1	-	2	2	-	-	-	1	1	2
CO4	1	2	1	-	-	-	1	-	1	2	1	-	-	1	3	2
CO5	2	1	2	1	-	1	1	-	1	-	-	1	3	1	2	2
CO6	2	1	2	-	-	1	1	-	1	1	-	-	-	-	2	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Second YEAR (Diploma Course)

Armed Forces and Society SEMESTER-III

Programme - B. A/B.sc	Year: Second	Semester: III
Course Code: DEFGE 301	Course Title: Armed Forces and Society	

1. Arms Control Efforts from the formation of nation, State system is attempted in this paper.
2. Tolearn about the efforts towards disarmament gained momentum after the Second World War.
3. To read about organized crime, terrorism and different security systems.

Credits: 4	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 60

Units	Topic
Units 1	Human Security – Definition, meaning and concept
Units 2	Environment Security – Definition, meaning and concept
Units 3	Energy Security - Definition, meaning and concept
Units 4	Illegal Migration - Definition, meaning and concept
Units 5	Norco -Terrorism - Definition, meaning and concept
Units 6	Organized Crimes – Definition, meaning and concept

Recommended Books: Happymon Jacob, (2005), HIV/AIDS as a Security Threat to India. Joakim Palme, Kristof Tamas (2006), Globalizing migration regimes: new challenges to Transnational cooperation.
Kimberley L. Thachuk, (2007), transnational threats: smuggling and trafficking in arms, drugs, and human life. Lal, Marie, (2008), The geopolitics of Energy in South Asia, Institute ofSoutheast Asian Studies, Singapore, Leena, (2009), Energy Infrastructure: Priorities, Constraints andStrategies for India, Oxford, India.

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Define different security systems.
CO2	Explore the functions of Armed Forces.
CO3	Explain Norco-terrorism and related topics.
CO4	Analyze the importance of oceans for a state in terms of its survival and sustenance, especially India being a peninsular country.
CO5	Criticize demerits of illegal migration.
CO6	Investigate various existing policy measures and mechanisms to handle the threats from the sea.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	-	1	2	1	-	-	2	-	-	1	2	2	1	2
CO2	3	2	1	2	1	2	2	-	2	-	1	-	-	3	2	1
CO3	2	1	1	-	--	1	1	1	2	2	-	-	-	2	-	2
CO4	3	2	2	2	2	1	2	-	2	-	-	-	3	2	2	2
CO5	2	2	2	1	1	-	2	-	1	2	1	-	-	1	2	2
CO6	2	1	-	-	1	1	1	1	2	1	-	1	-	-	2	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Second YEAR (Diploma Course)

Introduction to Journalism DEFENCE SEMESTER-III

Programme - B. A/B.sc	Year: Second	Semester: III
Course Code: DEFSC 301	Course Title: Introduction to Journalism	

1. The History of Journalism is provided as a back drop, against which the emergence of Press councilof India (PCI) is outlined.
2. To learn the nuances of reporting, investigating, researching and writing good reports.
3. To explore the rights of press and media.

Credits: 2	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 60

Units	Topic
Units 1	Basics of Journalism a) Meaning, Definition and the concept of Journalism b) Qualities of Journalism Ethics of Journalism
Units 2	Journalism – History and Trends a) Growth of Journalism b) Industrialization of the press: 1880 – 1920 Electronics and electronic changes: 1920 – 1950
Units 3	The Press council of India a) Emergence of the press council of India b) Powers and functions of the press council of India c) Role of the press council in India

Recommended Books: Menon, P.K., Practical Journalism, Jaipur: Aavishkar Publishers & Distributers, 2005.Dhara,R., Journalism, Calcutta : Industry Publishers,1945. Basu, R.N., Handbook of Journalism, Jaipur: Pointer Publishers, 2005.Kamath, M.V., the Journalist's Handbook, New Delhi: Vikas, 1980. Professional Journalism, New Delhi: Vikas, 1983.

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Identify the key concepts of Journalism and related issues
CO2	Discuss the history and trends of journalism
CO3	Explain matters to be stated in the content of News and Media
CO4	Appraise nuances of reporting, investigating, researching and writing good reports.
CO5	Evaluate the rights of press and media.
CO6	Express Journalism ethics in detail.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	1	2	2	1	2	1	1	-	1	-	-	1	2	1	1	2
CO2	1	2	2	1	2	1	1	-	2	-	1	-	1	2	-	1
CO3	1	2	2	1	1	1	1	-	2	2	-	-	2	-	-	2
CO4	1	-	1	-	-	-	1	-	1	1	-	-	-	-	2	3
CO5	3	1	2	-	-	1	1	-	2	2	1	-	1	3	-	1
CO6	2	1	2	1	-	1	1	-	1	-	-	1	3	1	2	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Second YEAR (Diploma Course)

ECONOMIC ASPECTS OF NATIONAL SECURITY DEFENCE SEMESTER-IV

Programme - B. A/B.sc	Year: Second	Semester: IV
Course Code: DEFDC 401	Course Title: ECONOMIC ASPECTS OF NATIONAL SECURITY	

After undergoing this course, a student will be in a position to –
1. Mutual complementarities of economics and security would be learnt through this course.
2. Also students learn the art of mobilizing resources for war, be it physical, fiscal or moral;
3. The importance of Logistics in War and the role of Defence Planning, Programming and Budgeting in India.

Credits: 3	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 45

Units	Topic
Units 1	Defence Economics: Meaning, Definition and Scope.
Units 2	Defence and Development: Concept and its implications for India;
Units 3	Economic Warfare; Effects of War on National Economy.
Units 4	Importance of Logistics in War.
Units 5	Defence Planning, Programming and Budgeting in India.

Recommended Books:
Ghosh, A. K., (1996) India's Defence Budget and Expenditure Management in wider Context, Lancer, New Delhi.
Clark, J.J., (1996) The New Economics of National Defence, Random House.
Jack, D.T., (1940) Studies in Economic Warfare, PS King & Sons, London.
Jalan, B. (2000) India's economic policy- preparing for 21st century, Penguin, New Delhi.
Knor, Klaus, (1962) War Potential of the Nations, Princeton University Press.
Mathews, Ron, (1998) Defence production in India, ABC Publishers, New Delhi.
Sandler T., Hartley K, (1995) The Economics of Defence, Cambridge University Press.
Singh Jasjit, (2001) India's Defence Spending, Knowledge World, New Delhi.
Subramanyam, K, (1972) Perspective in Defence Planning, Abhinav Publications, New Delhi.
Subramanyam, K, (1973) Defence and Development, Minerva, Calcutta.
Thomas, Raju G. C., (1978) The Defence of India: A Budgetary Perspective of Strategy and Politics, Macmillan, Bombay.

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	illustrate defence economics.
CO2	Discussion on the concept of defence and development.
CO3	Analysis of the impact of the economic war on the national economy.
CO4	Investigation on the utility of logistics in wars.
CO5	Evaluation of Defence Planning in India.
CO6	Expressing defence planning, programming and budgeting.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	-	-	1	2	-	1	-	-	1	1	-	2	1
CO2	2	2	2	-	-	2	1	-	2	-	1	-	-	-	1	2
CO3	3	2	3	-	-	1	2	-	2	2	-	-	-	1	2	3
CO4	2	1	2	1	-	1	1	-	1	-	-	1	3	1	2	2
CO5	3	1	2	-	-	1	1	-	2	2	1	-	1	3	-	1
CO6	1	-	1	-	-	-	1	-	1	1	-	-	-	-	2	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Second YEAR (Diploma Course)

Lab course based on DC 401 SEMESTER-IV

Programme - B. A/B.sc	Year: Second	Semester: IV
Course Code: DEFDL 401	Course Title: Lab course based on DC 401	

1. To provide basic knowledge to form report.
2. To explore gradient method, ratio method and section diagram method from Descriptive data.
3. To gain knowledge related to analyze data.

Credits: 1	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 15

Units	Topic
Units 1	Gradient and Slope in Degrees.
Units 2	Making of Models- a. Fighter plane. b. Battle Ship c. Rader d. Submarine e. Tank f. Missile g. Helicopter
Units 3	To determine Inter-visibility between two points: Gradient Method, Sum Proportion Method and Section Drawing Method.
Units 4	To draw a Field Sketch from a given route Report.

Recommended Books: 'SAMRIK MANCHITRA PATHAN' (Hindi)) : Professor Hazari Lal : (1979) Part-1 and Part-II : Publisher: Shamrik Prakashan Kendra, 2/119, Shyam Nagar, ALIGARH (U.P). PRAKRIYATMAK SAINYA VIGYAN (Hindi) Part-1 and Part-II, By B.N.MALIWAL; (1968) EBD Publishing and Distributing Company 144, Rajpur Road, Dehradun OR Latest Publisher

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Identify the gradient method, ratio method and section diagram method
CO2	Describe the techniques of finding the routes and to draw Field sketches.
CO3	Explain Route Reports.
CO4	Analyze the students to read about maps through field work.
CO5	Criticize field sketch from route reports through practical.
CO6	Formulate different types of maps and study them.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	1	2	3	2	-	1	1	1	1	-	-	1	-	2	-	1
CO2	1	2	3	2	-	1	1	-	1	-	1	-	-	2	2	2
CO3	1	2	3	2	-	1	1	-	1	2	-	-	-	2	-	2
CO4	-	1	2	1	-	2	2	1	-	1	1	-	-	1	3	2
CO5	1	2	3	2	-	1	1	-	1	-	-	1	3	1	2	2
CO6	2	3	2	-	1	1	-	1	-	1	-	-	3	1	2	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Second YEAR (Diploma Course)

Military History of Uttarakhand Semester-IV

Programme - B. A/B.sc	Year: Second	Semester: IV
Course Code: DEFDC 402	Course Title: Military History of Uttarakhand	

Course Objectives: The objectives of this course are

1. To explore regional history and culture.
2. To help students understand the different regiments of Uttarakhand.
3. To analyze the rise of military culture in Uttarakhand.
4. To learn about the contribution of different soldiers of Uttarakhand

Credits: 3	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 45

Units	Topic
Units 1	Importance of history of Uttarakhand: (a) History and popular Dynasties of Uttarakhand. (b) Geo-Strategic Importance: Geographical location and Extensions. (c) Invasion of Ghurkhas (with special Recommended to Battle of Khurbuda). (d)Introduction of British Rule (e)Role of Freedom Fighters and Azad hind Fauj in Independence.
Units 2	Rise of Military Culture in Uttarakhand: (a)Lat Subedar Ballhadra singh Negi: Order of merit (b)Sepoy Jagtu Rawat: Indian Order of merit. (c)Nayak Darban Singh Negi: Victoria Cross. (d)Sepoy Gabbar Singh Negi: Victoria Cross (e)Hawaldar Chandra singh Garhwali (Peshawar kand).
Units 3	History of Garwal Regiment: (a)Establishment of Garhwal Rifles. (b)Role in war and Military operations. (c)Valour and Honours.
Units 4	History of Kumaon Regiment: (a)Establishment of kumaon Regiment. (b)Role in war Military operations. (c)Valour and Honours.

Recommended Books:

1.Ajay Arora, Administrative History of uttarakhand (Kumaon andGarhwal) during the rule of East India Company 1815-1857.
2. Pandit om khanduri, Uttarakhand –Uttaranchal Itihaas adi, Madhya aur Vartman
3. Ghanshyam joshi, Uttarakhand ka Rajneetik evam sanskritik Itihaas.in Hindi
4. Brigadier Rajendra singh, History of Indian Army.
5. JP Dalvi, Himalayan blunder, The Curtain-Raiser to theSino-Indian war, 1962
6. DH Drake-Brockman, With the Royal Garhwal Rifles in the great war, from August1914 to November 1971.

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Identify the knowledge about the development of military in Uttarakhand.
CO2	Understand the Strategy, tactics, of war
CO3	Explain the history, importance and rise of military culture and valor in Uttarakhand
CO4	Analyze the rise of military culture in Uttarakhand.
CO5	Evaluate the contribution of different soldiers of Uttarakhand
CO6	Express the views on history of the Garhwali Rifles and Kumaon Regiment.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	2	-	-	1	1	1	1	-	-	1	-	1	2	1
CO2	1	2	1	-	1	-	1	-	1	-	1	-	-	1	3	2
CO3	2	1	1	-	--	1	1	1	2	2	-	-	-	2	-	2
CO4	2	1	2	1	-	1	1	-	1	-	-	-	2	1	2	2
CO5	1	2	1	-	-	-	1	-	1	2	1	-	-	1	3	2
CO6	2	1	-	-	1	1	1	1	2	1	-	1	-	-	2	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Second YEAR (Diploma Course)

Lab course based on DEFDC 403 SEMESTER-IV

Programme - B. A/B.sc	Year: Second	Semester: IV
Course Code: DEFDL 402	Course Title: Lab course based on DC 402	
Credits: 1		**Core Compulsory/Elective**
Max. Marks: 70		**Min. Passing Marks 40**
Total No of Lectures: 15		

Units	Topic
Units 1	Different method of marching in day and night
Units 2	Types of slopes and their representation on the map
Units 3	Bearing and Inter-Conversion of Bearing with I.C. E
Units 4	Educational Tour and its report.

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Gained knowledge of different methods of measure the distance during day and night.
CO2	Understanding the Types of Brokers Map.
CO3	Study of different slopes on maps.
CO4	Investigation on ICE and differential conversion.
CO5	Evaluation of bearing with I.C.E.
CO6	Gaining knowledge through educational tour in the form of practical.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	2	1	-	1	1	-	2	-	-	1	-	2	-	3
CO2	2	-	2	1	-	1	1	-	2	-	1	-	-	1	-	1
CO3	2	2	2	1	-	1	1	-	2	2	-	-	-	1	1	2
CO4	1	2	1	-	-	-	1	-	1	2	1	-	-	1	3	2
CO5	2	1	2	1	-	1	1	-	1	-	-	1	3	1	2	2
CO6	2	1	2	-	-	1	1	-	1	1	-	-	-	-	2	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Second YEAR (Diploma Course)

Evolution of Art of war in India SEMESTER-IV

Programme - B. A/B.sc	Year: Second	Semester: IV
Course Code: DEFGE 401	Course Title: Evolution of Art of war in India	

1. This paper attempts to familiarize the students with evolution of art of warfare in Ancient India.
2. To read the art of warfare changes with changes in political governance, nature of threat, and weaponsystems.
3. To help students understand the military system of different periods.
4. To gather knowledge about the entry of Britishers in India and different protests against them.

Credits: 4	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 60

Units	Topic
Units 1	Warfare in Ancient India a) Types of war during Vedic period. b) Alexander's invasion of India (battle of Hydaspas).
Units 2	Military System of the Mauryan Period
Units 3	Military System of the Gupta Period
Units 4	Rajput Military System
Units 5	Military Systems of the Mughals

Recommended Books: Anjoli Nirmal, The Decisive Battles of Indian History, Jaipur: Pointer Publications,1999.
Das, S.T., Indian Military: Its History and Development, Allahabad: Kitab Mahal,1979. Majumdar, R.C., An Advanced History of India, New York: St.Martin,1967.
Malleson, G.B., The Decisive Battles of India, London:W.H.Allen,1885
Roy, Koushik., From Hydespas to Kargil : A History of Warfare in India from 326 B.C. to A.D 1999,Delhi: Manohar,2004.
Sarkar, Jadunath., Military History of India, Bombay: Orient Longmans,1970.Saxena, K.L.M., Military System of India-1850-1900, Delhi'1976.
Singh, L.J., Indian Military History (Hindi).
Singh, L.J., Kautilya's Philosophy of War (Hindi). Tandan,
Aggarwal, Singh, Bharatiya Yudh Kala (Hindi).
V.R.R. Dikshitar, Wars in Ancient India, 1948.Majumdar, B. K., Military History of India

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Define the types of war from different periods in India.
CO2	Understand evolution of art of warfare in India;
CO3	Explain military organization of the period of mauraya, and mughals.
CO4	Classify military organization of the period of Gupta, Sikh and Martha
CO5	Distinguish the military system of the period of Raj put during battle of Tarrain I & II.
CO6	Design knowledge about first war of independence and British rule.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3	1	1	-	-	-	-	-	2	-	-	1	3	2	-	-
CO2	2	2	1	-	1	-	1	-	-	-	-	-	1	-	1	1
CO3	3	1	1	-	-	-	-	-	2	2	-	-	-	3	-	2
CO4	3	1	1	-	-	-	-	-	2	-	-	-	-	2	1	1
CO5	3	1	1	-	1	-	-	-	2	2	-	-	-	2	1	1
CO6	3	1	1	-	-	-	-	1	2	1	-	-	1	2	-	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Second YEAR (Diploma Course)

NEWS AND CONTENT ANALYSIS DEFENCE SEMESTER-IV

Programme - B. A/B.sc	Year: Second	Semester: IV
Course Code: DEFSC 401	Course Title: NEWS AND CONTENT ANALYSIS	

1. This paper attempts at explaining the fundamental components of journalism – theNews it also outlines the News Writing Procedures.
2. To improve the journalism skills of the students.
3. To explore the importance of news and newspaper in present world.

Credits: 2	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 45

Units	Topic
	PART A
Units 1	Defining News a) The ingredients of News b) Sources of News Reporting
Units 2	News Content a) Headlines b) Columns c) Features (Art, Entertainment, sports etc)
Units 3	News Writing Procedures a) The paper and headinfs b) Brief paragraphing and Readability c) Unusual or incorrect material
Units 4	Newspaper a) Making up the Newspaper and aids to clarity b) Editorials Editorial Policy

Recommended Books: Basu, R.N., News Reporting, Jaipur: Aavishkar Publishers, 2005. Menon, P.K., Electronic Media and Broadcasting, Jaipur: Aavishkar Publishers, 2006.Ganesh, T.K., News Reporting and Editing in Digital Age, Delhi: GNOSIS, 2006.

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Define the Basic concepts of News and media
CO2	Understand importance and role of media in conflict situation.
CO3	Demonstrate knowledge about reporting
CO4	Illustrate the impacts on public perception besides implications of media on national security and vice versa
CO5	Conclude the methods of news content
CO6	Express the functions of News writing

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	1	2	1	2	2	1	1	-	1	-	-	1	2	2	1	2
CO2	-	-		1		1	-	-	1	-	1	-		1	-	-
CO3	1	2	3	1	2	1	1	-	1	1	-	-	1	1	2	1
CO4	1	2	3	2	2	1	1	-	1	-	1	-	1	-	1	-
CO5										-	-	1				
CO6	1	2	2	1	2	1	1	-	1	1	-	-	-	1	-	1

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Third YEAR (Degree Course)

Modern warfare SEMESTER-V

Programme - B. A/B.sc	Year: Third	Semester: V
Course Code: DEFDC 501	Course Title: Modern warfare	

1. This paper describes the various types of warfare that are taught in the world.
2. Goal is to understand the different types of war waged by nations at large.
3. To help students understand the different wars after independence.

Credits: 3	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 60

Units	Topic
Units 1	History of Warfare: Feature of warfare at various historical stages –its contemporary features, Causes of Warfare
Units 2	Psychological Warfare: Nature, Definition, Techniques and Relevance in Present Times
Units 3	Biological and Chemical Warfare: Concept and objectives, Characteristics, Methods, Typesof agents and Methods of Use, Recent Trends.
Units 4	Guerrilla Warfare: Concept and objectives, Characteristics, Techniques, Elementaryknowledge of Insurgency and Counter Insurgency
Units 5	Warfare in independent India: Briefly study of the causes, outline, result and lessons learnt of the following battles of Independent India a) Kashmir Operations 1947-48 b) Chinese Aggression 1962 c) Indo-Pak Conflict 1965 d) Bangladesh Liberation War 1971 e) Kargil Operations 1999

Recommended Books:

Asprey. R.B., War in the Shadows (London,1975)
Brig. A.A.K. Choudhary, September, 1965, Karachi: Oxford University Press, 1990.Brig. John, P. Dalvi, Himalayan Blunder, New Delhi: Nataraj, 1967.
Brown, F.J., Chemical Warfare : a Study in Restraint, (Princeton,1968)Fairbairn, G., Revolutionary Guerilla Warfare (Harmondsworth,1974) Gaurav, G.Sawant, Dateline Kargil, New Delhi: Vikas, 2007.
Gen. V.P.Malik, Kargil : From Surprise yo Victory, New Delhi : Harper & Collins, 2006.Herbert Feis, The Atomic Bomb and the End of World War II (Princeton, 1966) Kaul,B.N., Untold Story, Delhi : Allied,1967.
Lawrence Freeman, The Evolution of Nuclear Strategy (London,1981)Lt. Gen. J.F.R.Jacob, Surrender of Dacca, New Delhi: Manohar, 1997.
Lt.Gen. A.A.K. Niazi, Betrayal of East Pakistan, Karachi: Oxford University Press, 1990.Maj. Sitaram Johri, The Indo - Pakistan Conflict of 1965, Lucknow: Himalayas, 1967.
Maj.Gen. D.K.Palit, Lightening Campaign, New Delhi: Thompson Press, 1972.Maliwal, B.N., Sthal Yuddh Kala.
Mankekar, D.R., 22 Fateful Days, New Delhi: Vikas, 1967.
Maxwell, Neville., India's China War, New Delhi: Orient Longman, 1972.
Menon, V.K. Krishna, India and the Chinese Invasion, Bombay: Contemporary, 1963.Moosa, M., My Version, India - Pakistan War, 1965, Lahore, 1983.
Palit, D.K., War in High Himalaya: The Indian Army in Crisis, 1962, Delhi: Lancer,1991.Philip M. Taylor, Munitions of the Mind: War Propaganda from the Ancient World to theNuclear Age, (Wellingborough,

1990)
Prasad,S.N., and Dharampal, History of Operations in Jammu & Kashmir, (1947 - 48), History Division, Ministry of Defence, Govt. of India, New Delhi,1987.
Qualter, T.H., Propaganda and Psychological Warfare, (New York, 1962)Singh, L.J., Nature of War and North African Campaign (Hindi).

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Describe the history and features of warfare
CO2	Explain the features of Psychological warfare.
CO3	Discriminate the exposure Chemical and biological warfare
CO4	Illustrate concept and theories of nuclear war in detail.
CO5	Distinguish the definition, meaning and distinguish basic concepts of Guerrilla warfare; Economic warfare.
CO6	Express the views on wars after independence

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	-	-	1	1	-	2	-	-	1	3	-	-	2
CO2	2	-	1	-	1	1	1	1	2	1	1	-	3	1	-	1
CO3	2	-	1	1	-	1	1	-	2	-	-	-	2	-	2	1
CO4	2	2	1	-	-	1	1	-	2	-	1	-	2	2	1	-
CO5	1	2	3	2	-	1	1	-	1	-	-	1	-	-	-	-
CO6	2	3	2	-	1	1	-	1	-	1	-	-	-	2	2	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Third YEAR (Degree Course)

Lab course based on DC 501 SEMESTER-V

Programme - B. A/B.sc	**Year: Third**	**Semester: V**
Course Code: DEFDL 501	Course Title: Lab course based on DC 501	

1. This paper provides a detailed study of the primary strategy of infantry up to platoon level, and the organization's weapons and equipment including an infantry platoon.
2. To help students understand the construction and functions of Sand Modals.
3. To read about different field crafts and field formations.

Credits: 1	**Core Compulsory/Elective**
Max. Marks: 70	**Min. Passing Marks 40**

Total No of Lectures: 15

Units	Topic
Units 1	Press Clipping on allotted Current topics with brief assignment.
Units 2	Study of Field Craft with Recommended to the following: a) Ground b) Cover c) Camouflage d) Concealment Observation
Units 3	Verbal Order I. Short presentation/Lecture II. Record III. Viva voce

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Describe sand modals and field crafts through practical.
CO2	Gained knowledge of fieldcraft with field Cover and Camouflage.
CO3	Explore the tactical formations.
CO4	Classify the construction and functions of Sand Modals.
CO5	Evaluate the different field crafts and field formations.
CO6	Students will express through short presentation record and oral voice.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	1	2	2	1	-	1	1	-	2	-	-	1	-	2	1	1
CO2	1	2	2	1	-	1	1	-	1	-	1	-	1	1	2	1
CO3	1	2	2	1	-	1	1	-	2	2	-	-	-	1	1	2
CO4	2	1	2	1	-	1	1	-	1	-	-	-	2	1	2	2
CO5	1	2	1	-	-	-	1	1	1	2	1	-	-	1	3	2
CO6	2	1	2	-	-	1	1	-	1	1	-	-	1	-	2	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Third YEAR (Degree Course)

CONCEPTUAL ASPECTS OF WAR SEMESTER-V

Programme - B. A/B.sc	Year: Third	Semester: V
Course Code: DEFDC 502	Course Title: CONCEPTUAL ASPECTS OF WAR	

After undergoing this course, a student will be in a position to –
1. Clearly understand the definition, meaning and distinguish basic concepts of war;
2. Various types of war and its various typologies, techniques and characteristics; and
3. Grasp the concept and theories of nuclear war in detail.

Credits: 4	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 60

Units	Topic
Units 1	**Conceptual Formulation** a. Meaning and definition of Defence and Strategic Studies – Its relevance and significance and relationship with other disciplines of study. b. War - Definition and meaning and basic concepts – War, Campaign, Battle, Strategy,Tactics, Security and Defence.
Units 2	Modern Warfare a. Concept and definition b. Features of Modern Warfare c. Principles of warfare
Units 3	War as an instrument of policy
Units 4	Guerilla Warfare a. Origin and concept. b. Principles, techniques and characteristics of guerrilla warfare. c. Counter guerrilla measures.
Units 5	Psychological Warfare a. Definition and concept. b. Functions and Limitations.
Units 6	Nuclear Warfare a. Beginning of nuclear era and effects of nuclear explosion. b. Nuclear strategies of `Deterrence' and `Massive Retaliation'.

SUGGESTED READINGS:

1. Andreski S., (1968) Military Organization and Society, Univ. California Press, Berkeley.
2. Anthony James Joes, (1996)Guerrilla Conflict before the Cold War, (Praeger Publishers,
3. Aron R., (1966) Peace and War: A Theory Of International Relations, Praeger, New York.
4. Barringer R., 1972) War: Patterns Of Conflict, MIT Press, Cambridge, Mass.
5. Blainey G., (1973) The Causes Of War, Macmillan, London.
6. Montgomery Viscount, (1983) A History of Warfare, William Morrow & Co, New York City.
7. Mukherji and Shyam Lal, (1952) A Textbook of Military Science, Vol. II., Navayuga, New Delhi.
8. Osanka, F.M., (1962) Modern Guerrilla Warfare, Free Press of Glencoe, New York.
9. Sidhu, K.S., (1988) War and Its Principles, Atlantic, New Delhi.
10. Tripathi, K.S., (1970) Evolution of Nuclear Strategies, Vikas, New Delhi
11. Wright, Quincy, (1942) Study of War, University of Chicago Press.

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Describe the history and features of warfare
CO2	Explain the concept, features and principles of modern warfare.
CO3	Analyse the war as a policy instrument.
CO4	Distinguish the definition, meaning and distinguish basic concepts of Guerrilla warfare; Economic warfare.
CO5	Explain the features of Psychological warfare.
CO6	Illustrate concept and theories of nuclear war in detail.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	-	-	1	1	-	2	-	-	1	3	-	-	2
CO2	2	-	1	-	1	1	1	1	2	1	1	-	3	1	-	1
CO3	2	-	1	1	-	1	1	-	2	-	-	-	2	-	2	1
CO4	2	2	1	-	-	1	1	-	2	-	1	-	2	2	1	-
CO5	1	2	3	2	-	1	1	-	1	-	-	1	-	-	-	-
CO6	2	3	2	-	1	1	-	1	-	1	-	-	-	2	2	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Third YEAR (Degree Course)

Lab course based on DC 502 SEMESTER-V

Programme - B. A/B.sc	Year: Third	Semester: V
Course Code: DEFDL 502	Course Title: Lab course based on DC 502	
Credits: 1		Core Compulsory/Elective
Max. Marks: 70		Min. Passing Marks 40
Total No of Lectures: 15		

Units 1	Sand Model: Meaning, Importance and preparing.
Units 2	Section Formations: Section in Attack, Section in Defence, Section in Withdrawl
Units 3	Tactical Formations-Section and Platoon.
Units 4	Lecture and group discussion on current defence topics.

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Describe sand modals and field crafts through practical's.
CO2	Explain the different field crafts and field formations.
CO3	Explore the tactical formations.
CO4	Investigate the organization's weapons and infantry platoon.
CO5	Evaluate the knowledge related to analyze data.
CO6	Develop the techniques of preparing presentations.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	1	2	2	1	-	1	1	-	2	-	-	1	-	2	1	1
CO2	1	2	2	1	-	1	1	-	1	-	1	-	1	1	2	1
CO3	1	2	2	1	-	1	1	-	2	2	-	-	-	1	1	2
CO4	2	1	2	1	-	1	1	-	1	-	-	-	2	1	2	2
CO5	1	2	1	-	-	-	1	1	1	2	1	-	-	1	3	2
CO6	2	1	2	-	-	1	1	-	1	1	-	-	1	-	2	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Third YEAR (Degree Course)

INDIAN DEFENCE MECHANISM SEMESTER-V

Programme - B. A/B.sc	Year: Third	Semester: V
Course Code: DEFDE 501	Course Title: INDIAN DEFENCE MECHANISM	

Learning Outcomes - After undergoing this course a student will be in a position to –
1. Learn the Rank Structure of the Three Services and Recruitment methods for Defence Services.
2.Know the Higher Defence Organizations of India; and
3. Learn about the defence mechanism of India and evaluate its strengths and weaknesses.

Credits: 4	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 60

Units	Topic
Units 1	**The Indian Defence Forces** a. Rank Structure of the Three Services. b. Recruitment methods for Defence Services. c. Important training Institution of the Three Services. d. Second line defence [introduction to Paramilitary Forces in brief)
Units 2	**Higher Defence Organizations of India** a. Power of the President of India in relation of Defence. b. Role and function of Ministry of Defence. c. Composition and function of Defence Committees/NSC. d. Chief of Staff and joint service Organization.
Units 3	**Army Organization** a. Organization of army Headquarters b. Static and Field formation of Indian Army. c. Arms and Services.
Units 4	**Air Force Organization** a. Organization of Air Force Headquarters b. Static and Field formation of Indian Air Force.
Units 5	**Navy Organization** a. Organization of Naval Headquarters (Role of CNS & PSOs). b. Static and Field formation of Indian Navy.

SUGGESTED READINGS:

1. Government of India, (1924) The Army of India and its Evolution, Calcutta.
2. Ministry of Defence, Government of India, Indian Armed Forces Year Book, (Annual).
3. Palit, D.K., (1989) Essentials of Military Knowledge, New Delhi.
4. Singh, Nagendra., (1967) Defence Mechanism of Modern State, New Delhi.
5. Venkateswaran, A.L., (1967) Defence Organisation in India, New Delhi: Government of India.

Third YEAR (Degree Course)

NON-TRADITIONAL SECURITY THREATS SEMESTER-V

Programme - B. A/B.sc	**Year: Third**	**Semester: V**
Course Code: DEFDE 502	Course Title: NON-TRADITIONAL SECURITY THREATS	

Learning Outcomes - After undergoing this course a student will be in a position to –

1. Realizes that there are non-traditional threats to nation's security other than military which are of equally grave consequences.
2. Understand that, drug trafficking, money laundering, narco terrorism and human trafficking are equally dangerous as war.

Credits: 4	**Core Compulsory/Elective**
Max. Marks: 70	**Min. Passing Marks 40**

Total No of Lectures: 60

Units	Topic
Units 1	Human Security – Definition, meaning and concept
Units 2	Environment Security – Definition, meaning and concept
Units 3	Small Arms Proliferation - Definition, meaning and concept
Units 4	Illegal Migration – Definition, meaning and concept
Units 5	Narco -Terrorism – Definition, meaning and concept
Units 6	Money Laundering – Definition, meaning and concept

SUGGESTED READINGS:

1. Happymon Jacob, (2005), HIV/AIDS as a Security Threat to India.
2.Joakim Palme, Kristof Tamas (2006), Globalizing migration regimes: new challenges to transnational cooperation.
3. Kimberley L. Thachuk, (2007). Transnational threats: smuggling and trafficking in arms, drugs, and human life.
4.Lal, Marie, (2008), The geopolitics of Energy in South Asia, Institute of Southeast Asian Studies, Singapore,
5. Leena, (2009), Energy Infrastructure: Priorities, Constraints and Strategies for India, Oxford,India.
6.Margaret E. Beare, (2003), Critical reflections on transnational organized crime, money laundering and corruption.
7.Mely Caballero Anthony, Ralf Emmers, Amitav Acharya (Eds), (2006), Non-Traditional Security in Asia: Dilemmas in Securitization, Athenaeum Press Ltd,
8.Moufida Goucha, John Crowley (2008), Rethinking human security.
9.Richard A. Matthew and John Barnett, Bryan Macdonald and Karen L. O'Brien (2010) Global environment Change and Human Security.
10.Robert Powis, (1992), The Money Launderer, Probus Publishing.
11.Shahrbanou Tadjbakhsh, Anuradha M. Chenoy (2007) Human security: Concepts and Implications. Routledge Advances in International Relations and Global Politics.
12.Sovacool K. Benjamin (2011). The Routledge Handbook of Energy Security. Singapore.

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Define the meaning and concept of different types of securities.
CO2	Understand the concept, meaning and definition of environmental protection.
CO3	Analyze the proliferation of small arms.
CO4	Explore the concept of illegal migration.
CO5	Evaluation of narco terrorism is important.
CO6	Gain knowledge of money laundering concept.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	-	-	1	1	-	2	-	-	1	3	-	-	2
CO2	2	-	1	-	1	1	1	1	2	1	1	-	3	1	-	1
CO3	2	-	1	1	-	1	1	-	2	-	-	-	2	-	2	1
CO4	2	2	1	-	-	1	1	-	2	-	1	-	2	2	1	-
CO5	1	2	3	2	-	1	1	-	1	-	-	1	-	-	-	-
CO6	2	3	2	-	1	1	-	1	-	1	-	-	-	2	2	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Third YEAR (Degree Course)

Military Geography SEMESTER-V

Programme - B. A/B.sc	**Year: Third**	**Semester: V**
Course Code: DEFGE 501	Course Title: Military Geography	

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

Credits: 4	**Core Compulsory/Elective**
Max. Marks: 70	**Min. Passing Marks 40**

Total No of Lectures: 60

Units	Topic
Units 1	Introduction a) Meaning and nature of Military Geography. b) Scope of Military Geography. Elements of Military Geography- Earth size, shape, location, climate, topography & population.
Units 2	Evolution of Military Geography. a) History & Development. b) Founders of Military Geography - F. Ratzal, A.T. Mahan, c) Sir. Half red Mackinder, Karl Haushofer, N.J. Spy man.
Units 3	Inter-State relations & Geographical factors.
Units 4	Geography and Foreign Policy of India.
Units 5	Applied Military Geography. a) Global Positioning System (GPS). b) Global Information System (GIS). c) Remote Sensing.

SUGGESTED READINGS: Black, Jeremy, Cambridge Illustrated Atlas, Warfare, Renaissance to Revolution: 1492- 1792,(Cambridge: Cambridge University Press, 1996).
Chandler, David G., Atlas of Military Strategy: The Art, Theory and Practice of War, 1618-1878, (1980reprint, London: Arms and Armour, 1996)
Das, S.T., Geo-Strategies, Allahabad: Kitab Mahal, 1985. 22
William D Puleston, the Life and Work of Alfred Thayer Mahan, U.N.S. (New Haven, CT, 1939) 5) Earl Meade, Edward, Makers of Modern Strategy: Military Thought from Maciavelli to Hitler, 1948.

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	List different aspects and evolution of Military Geography
CO2	Understand and appreciate psychological aspects of war making,
CO3	Explain the inter-state relations and Foreign policy of India
CO4	Distinguish the importance of leadership, discipline man management, motivation and morale factors in a soldiers' life.
CO5	Weigh the military leadership and emotional issues that is faced by soldiers during war and peace.
CO6	Develop knowledge about GPS, GIS and Remote Sensing

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	1	2	1	1	-	-	-	-	2	-	-	1	2	2	-	1
CO2	2	2	1	-	1	-	1	-	-	-	1	-	1	-	1	1
CO3	2	2	1	-	1	-	2	-	2	2	-	2	2	1	2	-
CO4	3	1	1	-	-	-	-	-	2	-	-	-	-	2	1	1
CO5	3	1	1	-	1	-	-	-	2	2	2	-	-	2	1	1
CO6	2	2	1	1	1	1	1	-	2	1	-	-	1	-	-	-

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Third YEAR (Degree Course)

BASICS OF DEFENCE JOURNALISM SEMESTER-V

Programme - B. A/B.sc	Year: Third	Semester: V
Course Code: DEFSC 501	Course Title: BASICS OF DEFENCE JOURNALISM	

1. To prepare the students in handling a specialized field of journalism i.e. Defence Journalism.
2. To learn about the source and process of Defence news.
3. To read different Defence terminology.
4. To study about different Defence organizations.

Credits: 3	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 60

Units	Topic
Units 1	a) Defence Journalism – its features b) Civil Journalism & Defence journalism differences c) Defence Journalism – As Profession
Units 2	Defence News a) Meaning and Defining Defence News b) Kinds of Sources of Defence News c) Defence Writing Procedure
Units 3	Defence Reporting a) Forms – Eye witness, computer assigned features b) Concept of Graphics and Animation (Role of Modern Technology) c) Problem in Defence Writing – Political Pressure Official Secrecy – etc.
Units 4	Defence Terminology a) Defence terms & Abbreviations b) Military terms – Weapons, Weapons system c) Defence organization – Rank and Rank structure in the services in India.

SUGGESTED READINGS:

Bhatt, S.C., Practical Journalism, Jaipur: Aavishkar, 2005.
Chatterjee, R.K., Mass Communication, New Delhi: National Book Trust, 1973.Dhara, R., Journalism, Calcutta: Industry Publishers, 1945

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	List the concepts of Defence journalism
CO2	Understand how the media whether print or visual shall report aspects of Defence and national security for international community in general and state in particular.
CO3	Explain the Media Ethics and Media Laws besides getting exposure to the practical aspects of Defence journalism.
CO4	illustrate the problems in Defence writing and sort them out
CO5	Evaluate the Defence reporting and terminology
CO6	Create mail merge, documents, templates and Recommended formatting

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	-	-	1	2	-	1	-	-	1	1	-	2	1
CO2	1	-	2	-	1-	2	2	-	2	-	1	-	-	-	1	2
CO3	3	2	3	-	-	1	2	-	2	2	-	-	-	1	2	3
CO4	2	1	1	-	1	1	-	-	2	-	-	1	-	-	2	2
CO5	2	1	1	-	1	1	-	-	2	2	1	-	-	2	-	1
CO6	2	1	2	-	1	1	-	-	2	1	-	-	1	-	2	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Third YEAR (Degree Course)

International Relations & Organization Semester -VI

Programme - B. A/B.sc	Year: Third	Semester: VI
Course Code: DEFDC 601	Course Title: International Relations & Organization	

1. In the contemporary world the survival of the mankind is conditioned by the facts of war and peace.
2. The conditions of war and peace are influenced by various sectors, viz., State, non-state and international organizations.
3. This paper introduces the students about the functions of International Organizations.

Credits: 3	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 45

Units	Topic
Units 1	Definition, Meaning and Scope of International Relations a) State, Nation, Nation-state, Concepts and Features. b) National Power – Components of National Power – its scope. Approaches' to international relations- Mainstream Theories-Idealist and realist
Units 2	Power Systems in International Relations a) International Power Structure – Definition, Meaning, and Scope- Uni polar, Bi Polar & MultiPolar. b) Balance of Power – Meaning and Definition – Characteristics of Balance of Power; Techniques of Balance of Power. c) Collective Security.
Units 3	Diplomacy and Foreign Policy a) Diplomacy- Meaning, Definition, Objectives and Scope & Types of Diplomacy b) Foreign Policy- Meaning, Definition, Determinants of Foreign Policy c) National Interest- Meaning and Definitions.
Units 4	International Organization and Scope a) International Organization – Origin, Growth & Functions b) The UNO – Origin, Aim, Structure, Scope and Functions. c) SAARC and ASEAN – Origin, Objectives, Development and Functions.

SUGGESTED READINGS:

Chatterjee, Aneek. International Relations Today: Concept and Applications, New Delhi: Pearson, 2010.Frankel, J., International Relations in a Changong World, London: Oxford University Press, 1977.

Jackson, R. and G.Sorensen, Introduction to International Relations: Theory and Approaches,Oxford: Oxford University Press, 2003.

Jain & Pant, International Relations (Hindi).

Johari, J.C., International Relations and Politics, New Delhi: Sterling Publishers, 1985.Kumar Mahendra, Theoretical Aspects of International Politics (Hindi).

Kumar Mahendra, Theoretical Aspects of International Politics.Nicholson, M., International Relations: A Concise

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Memorize basic concepts of international relations and how nation-state system works.
CO2	Discuss competency in military and state - centric aspects of international relations;
CO3	Illustrate security dilemma and some economic aspects of war.
CO4	Criticize Balance of Power and Collective security.
CO5	Appraise Foreign Policy options and Diplomacy.
CO6	Investigate International and regional Organizations'.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	-	-	-	2	-	2	-	-	1	2	2	1	2
CO2										-	1	-				
CO3	1	2	3	1	2	1	1	-	1	1	-	-	1	1	2	1
CO4	2	2	1	-	-	-	1	-	2	-	1	-	-	1	2	2
CO5	2	1	-	-	-	-	2	-	1	-	-	1	1	-	2	2
CO6	2	1	2	-	-	-	2	-	2	1	-	-	1	3	-	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Third YEAR (Degree Course)

Lab course based on DC 601 SEMESTER-VI

Programme - B. A/B.sc	Year: Third	Semester: VI
Course Code: DEFDL 601	Course Title: Lab course based on DC 601	

1.Improves writing and presentation abilities of the student.
2.Provides basic knowledge of written project work and group discussion on any national/internationalissue.
3.To improve their writing and speaking Skills.

Credits: 1	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 15

Units	Topic
Units 1	Educational Tour and preparation of Report
Units 2	Written project work on any issue of National/ International importance.
Units 3	Presentation and Group Discussion

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Define the techniques of preparing presentations.
CO2	Analyze different places through educational tour.
CO3	Explain the process of writing and report
CO4	Conclude basic knowledge to form report.
CO5	Evaluate the knowledge related to analyze data.
CO6	Develop the detailed study of the tour.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	2	1	1	2	2	-	1	-	1	1	-	2	1	2
CO2	2	2	1	2	1	2	-	-	2	-	-	-	2	3	2	1
CO3	1	2	1	1	1	1	1	-	2	2	-	1	1	2	1	1
CO4	3	1	-	-	-	-	-	1	2	-	2	-	-	2	1	1
CO5	2	-	1	-	1	-	2	-	2	2	-	-	-	2	1	1
CO6	2	1	-	-	-	1	-	1	2	1	1	1	1	2	-	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

FIRST YEAR (DIPLOMA COURSE)

Aspects of strategic Though SEMESTER-VI

Programme	Year: First Year	Semester: VI
Course Code: DEFDC 602	Course Title: Aspects of strategic Thought	

Course Objectives

After undergoing this course, a student will be in a position to –

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

Credits: 3	**Core Compulsory/Elective**
Max. Marks:	**Min. Passing Marks**
Total No of Lectures: 45	

Units	Topic
Unit 1	Kautilaya's Philosophy of war.
Unit 2	Sun Tzu- The Art of war.
Unit 3	Mao-Tse-Tung's views on Guerrilla warfare.
Unit 4	John Foster Dulles and Andre Beaufre - Theories of Nuclear War and Deterrence.

SUGGESTED READING

- Shyama Shastri., (2012) Kautilya's Arthashastra, Low Price Publications, New Delhi.
- Singh, L.J., Kautilya's Philosophy of War (Hindi).
- Weller, Jac, Weapons and Tactics (London, 1966).
- Mao-Te-Tung., (1967) On the protracted War: Selected works, Foreign Language Press, Peking.

Course outcomes (COs):

Up on successful completion of the courses student will be able to

CO1	Remember the strategic thoughts of different thinkers on war
CO2	Interpret the different concepts of SunTzu
CO3	Explain Mao-Tse-Tung's views on Guerrilla warfare
CO4	Analyze the John Foster Dulles, Andre Beaufre and
CO5	Evaluate Theories of Nuclear War
CO6	Write about the Theories of Nuclear War, and Deterrence.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	-	-	1	-	2	1	1	2	1	1	-	2	2	1
CO2	1	2	-	3	-	1	1	-	2	-	1	1	1	1	3	1
CO3	2	2	1	-	-	1	1	2	1	2	2	2	2	2	1	-
CO4	1	-	-	1	2	-	2	1	-	2	1	-	1	1	1	1
CO5	2	2	2	1	-	1	2	-	1	1	-	1	1	-	2	2
CO6	-	1	1	-	2	-	2	1	2	1	2	3	2	1	1	-

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Third YEAR (Degree Course)

Lab course based on DC 602 Semester -VI

Programme - B. A/B.sc	Year: Third	Semester: VI
Course Code: DEFDL 602	Course Title: Lab course based on DC 602	
Credits: 1	**Core Compulsory/Elective**	
Max. Marks: 70	**Min. Passing Marks 40**	
Total No of Lectures: 15		

Units	Topic
Units 1	Educational Tour and preparation of Report
Units 2	News Paper Cutting on National and International Affairs during Semester.
Units 3	Give a 10 Minute Talk on National and International Affairs.
Units 4	Sketching following on the world map. 1) G-20 2) ASEAN 3) OPEC 4) NATO 5) SAARC

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Define the techniques of preparing presentations.
CO2	Understanding international problems through newspaper cuttings.
CO3	Interpret the process of writing and report
CO4	Investigate the techniques of preparing presentations.
CO5	Formulate different types of maps and study them.
CO6	Develop the students to read about maps through field work.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	2	1	1	2	2	-	1	-	1	1	-	2	1	2
CO2	2	2	1	2	1	2	-	-	2	-	-	-	2	3	2	1
CO3	1	2	1	1	1	1	1	-	2	2	-	1	1	2	1	1
CO4	3	1	-	-	-	-	-	1	2	-	2	-	-	2	1	1
CO5	2	-	1	-	1	-	2	-	2	2	-	-	-	2	1	1
CO6	2	1	-	-	-	1	-	1	2	1	1	1	1	2	-	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Third YEAR (Degree Course)

CYBER SECURITY

Programme - B. A/B.sc	Year: Third	Semester: VI
Course Code: DEFDE 601	Course Title: Cyber Security	

After undergoing this course, a student will be in a position to –
1. Enable students to learn the nuances of the cyber world by understanding cyber threats, to state, institution and individuals.
2. It will also provide an exposure to cyber policy and preparedness mechanisms.
3. Students might also get hands-on experience in trying out practical applications of cyber security.

Credits: 4	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 60

Units	Topic
Units 1	**Introduction to Cyber Technologies -** Information Systems Networks/LAN/WAN - Military Sensors
Units 2	**Types of Cyber Crime -** Hacking - Password Cracking - Insecure Network Connection – Theft at Tele Communication Services
Units 3	**Impact of Cyber Crime on National Security -** Impact on Armed Forces & Law enforcement Agencies' Information Systems - Impact on National Economy/Market - Impact on Citizen Security.
Units 4	**Detection and Prevention methodologies -** Risk Identification - Levels of Protection - Cyber Defensive Measures
Units 5	**Cyber Laws -** Cyberspace and the Law - Introduction, Cyber Security Regulations, Roles of International Law, the state and Private Sector in Cyberspace, Cyber Security Standards. The INDIAN Cyberspace, National Cyber Security Policy 2013.

SUGGESTED READINGS:

1. Beidleman, Scott W. (2009) Defining and Deterring Cyber War, Master's thesis. U.S. Army War College.
2. Borum, Randy, and Ronald Sanders, (2015) Cyber Intelligence: Preparing Today: for Tomorrow's Threats, Intelligence and National Security Alliance.
3. Godbole Nina, (2011) Cyber Security, Wiley India, New Delhi.
4. Godbole Nina, (2017) Information Systems Security: Security Management, Metrics, Frameworks and Best Practices, Wiley India, New Delhi.
5. Shoemaker, Dan and Conklin, Arthur (2011) Cyber Security – The Essential body of Knowledge, Cengage Learning.
6. Kim Andreasson, ed., (2012) Cyber Security – Public Sector threats and responses, CRC Press, Boca Raton, FL.
7. Lin V Choi ed., (2005) Cyber Security and Homeland Security, Nova Publishers, New York.

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Acquire knowledge about cyber technology and security.
CO2	Distinguish students to learn the nuances of the cyber world
CO3	Analyse of the impact of cybercrime on national security.
CO4	Analyse the experience in trying out practical applications of cyber security.
CO5	Identify risks by conducting an evaluation study of cyber defensive measures.
CO6	Express cyber policy and preparedness mechanisms.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	-	-	1	1	-	2	-	-	1	3	-	-	2
CO2	2	2	1	2	1	2	2	-	2	1	1	-	3	3	2	2
CO3	2	-	1	1	-	1	1	-	2	-	-	-	2	-	2	1
CO4	2	2	1	-	-	1	1	-	2	-	1	-	2	2	1	-
CO5	2	1	2	2	2	2	1	-	2	-	-	1	1	2	2	1
CO6	2	2	1	1	2	1	2	-	2	1	1	-	2	2	1	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Third YEAR (Degree Course)

LEGAL ASPECTS OF INTERNATIONAL SECURITY

Programme - B. A/B.sc ,	Year: Third	Semester: VI
Course Code: DEFDE 602	Course Title: LEGAL ASPECTS OF INTERNATIONAL SECURITY	

Learning Outcomes - After undergoing this course a student will be in a position to –
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.

Credits: 4	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 60

Units	Topic
Units 1	**Introduction** a. Definition of International Law – Its history and development b. Nature, source and codification c. Relationship between International Law and Municipal Law.
Units 2	**Laws of war – I, II** a. War – Its legal character and effects b. Pacific and Coercive means to settle international disputes c. Laws of Land warfare d. Laws of Maritime warfare e. Laws of Aerial Warfare
Units 3	**Laws of Neutrality** a. Basic understanding of laws of neutrality b. Contraband and Doctrine of Continuous Voyage
Units 4	**Legal Mechanisms** a. Blockade – Concept establishments Kinds and Penalties for breach b. Prize courts Its role and importance c. Role and functions of International court of Justice.

SUGGESTED READINGS:

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

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Acquire knowledge about nature, source and codification of international law.
CO2	Describe the rules of land war, sea war, character of war.
CO3	Explain the rules and effects of air combat.
CO4	Analyze the basic rules of neutrality and sustainable travel theory.
CO5	Evaluate the concept of blockade and businesses violating.
CO6	Express the role and importance of the International Court of Justice award court.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	-	-	1	2	-	1	-	-	1	1	-	2	1
CO2	2	2	2	-	-	2	1	-	2	-	1	-	-	-	1	2
CO3	3	2	3	-	-	1	2	-	2	2	-	-	-	1	2	3
CO4	2	1	2	1	-	1	1	-	1	-	-	1	3	1	2	2
CO5	3	1	2	-	-	1	1	-	2	2	1	-	1	3	-	1
CO6	1	-	1	-	-	-	1	-	1	1	-	-	-	-	2	3

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Third YEAR (Degree Course)

INTERNATIONAL RELATIONS – DEFENCE ASPECTS Semester –VI

Programme - B. A/B.sc	Year: Third	Semester: VI
Course Code: DEFGE 601	Course Title: INTERNATIONAL RELATIONS – DEFENCE ASPECTS	

After undergoing this course, a student will be in a position to –
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.

Credits: 4	Core Compulsory/Elective
Max. Marks: 70	**Min. Passing Marks 40**

Total No of Lectures: 60

Units	Topic
Units 1	International Relations: Concept, Nature, Scope and its Historical Evolution.
Units 2	National Interest a. Concept and Definition b. Vital and Non-Vital Components c. Instruments to secure National Interest.
Units 3	Balance of Power a. Meaning and concept b. Historical development of the system c. Functioning of the system
Units 4	Collective Security a. Meaning and Concept b. Role of the UN in maintaining Collective Security
Units 5	Diplomacy: Definition. Types and uses

SUGGESTED READINGS:

Chandra, P., (1979) International Politics, Vikas Publications, N. Delhi
Curzon, Lord. (1907) Frontiers, Clarendon Press, USA.
Kumar, Mahendra, (1967) Theoretical Aspects of International Politics, Shiv Lal Agarwal, Agra.
Morgenthau, Hans J. (1954) Politics Among Nations, Knopf, New York.
Palmer and Perkins, (2001) International Relations, CBS Publications.
Robert Art and Robert Jervis eds., (2006) International Politics: Enduring Concepts and Contemporary Issues, Longman Publishing,
Sprout and Sprout, (1962) International Politics, Princeton, NJ.
Wright, Quincy, (1980) A Study of International Relations, Irvington Publishers.

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Memorize basic concepts of international relations.
CO2	Discuss competency in military and state - centric aspects of international relations;
CO3	Analyze the Balance of Power and Collective security.
CO4	Explore the meaning of the concept of balance of power system.
CO5	Evaluate the role of the United Nations in maintaining collective security.
CO6	Gain Knowledge the Foreign Policy options and Diplomacy.

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	-	-	-	2	-	2	-	-	1	2	2	1	2
CO2										-	1	-				
CO3	1	2	3	1	2	1	1	-	1	1	-	-	1	1	2	1
CO4	2	2	1	-	-	-	1	-	2	-	1	-	-	1	2	2
CO5	2	1	-	-	-	-	2	-	1	-	-	1	1	-	2	2
CO6	2	1	2	-	-	-	2	-	2	1	-	-	1	3	-	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated

Third YEAR (Degree Course)

Introduction to Information & Cyber Security Semester –VI

Programme - B. A/B.sc	Year: Third	Semester: VI
Course Code: DEFSC 601	Course Title: Introduction to Information & Cyber Security	

After undergoing this course, a student will be in a position to –
1. To make them aware about the cyber-crime.
2. To help them understand the different security systems.
3. To explore the characteristics and threats of cyber security.

Credits: 2	Core Compulsory/Elective
Max. Marks: 70	Min. Passing Marks 40

Total No of Lectures: 30

Units	Topic
Units 1	Information Security a) Classification System b) Protective Measures c) Investigations d) Responsibilities
Units 2	Information Security Management a) Information Security and Personal Practices
Units 3	Cyber Security a) Threats b) Counter Measures
Units 4	Laws of Cyber Security a) Indian Laws on Cyber Security b) Management of Cyber Security

SUGGESTED READINGS:

Pavan Duggal, Textbook on Cyber Law, Universal Law Publishing co.; 2 editions, 2016Aparna Viswanathan, Cyber Law- Indian and International Perspectives on Key Topics Including Data Security, E-Commerce, Cloud Computing and Cyber Crimes, Lexis Nexis; First edition2012

Course outcomes (COs):

Upon successful completion of the course, student will be able to

CO1	Memorize cyber threats, to state, institution and individuals.
CO2	Distinguish students to learn the nuances of the cyber world
CO3	Exposure to cyber policy and preparedness mechanisms.
CO4	Analysis the experience in trying out practical applications of cyber security.
CO5	Justify personal security and information security management.
CO6	Express confidentiality and intelligence

CO-PO Mapping

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	-	-	1	1	-	2	-	-	1	3	-	-	2
CO2	2	2	1	2	1	2	2	-	2	1	1	-	3	3	2	2
CO3	2	-	1	1	-	1	1	-	2	-	-	-	2	-	2	1
CO4	2	2	1	-	-	1	1	-	2	-	1	-	2	2	1	-
CO5	2	1	2	2	2	2	1	-	2	-	-	1	1	2	2	1
CO6	2	2	1	1	2	1	2	-	2	1	1	-	2	2	1	2

3: Highest Correlated, 2: Medium Correlated, 1: Lowest Correlated