

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]



SYLLABUS FOR

Bachelor of Arts/Science

B.A. Defence and Strategic Studies

Based on New Education Policy (NEP)

(W.E.F 2022-2023)

Introduction

The National Education Policy (NEP) 2020 providing flexibility to students in terms of choice of subjects to study and academic path ways. The policy envisages broad based multi-disciplinary, holistic academic programs. One very important recommendation of the NEP 2020 is a creative combination of disciplines for study with multiple entry and exit points. Thus, the curriculum has been made flexible by integrating multidisciplinary subjects, vocational education and co-curricular course with main stream education.

Eligibility for admission:

Any candidate who has passed the Plus Two of the Higher Secondary Board of Examinations in Any state recognized as equivalent to the Plus Two 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.

Programme outcome (POs)

Students will be able to

PO-1	Acquire knowledge of the discipline and conduct proper academic in various areas of discipline.
PO-2	Recognize the social structures in our society.
PO-3	Communicate effectively in context which one is operating and develop soft skills
PO-4	Leader in teams in multidisciplinary courses and engage in initiatives that encourage growth for all.
PO-5	Develop awareness of issues among students
PO-6	Recognize and respect different value systems by following the norms of academic integrity.
PO-7	Explain awareness of local, regional, national and global needs.
PO-8	Work on career enhancement by adapting to professional and social needs engaged in lifelong learning.
PO-9	Exhibit capability as lifelong learners adapting new technologies, modern concepts and skills for sustainable development
PO-10	Imbibe qualities of good citizenship, morality and ethics so as to work for the betterment of mankind
PO-11	Cultivate a broad array of interdisciplinary knowledge and skills integrating concepts of humanities and social sciences.
PO-12	Able to apply critical thinking, creativity, skills, cultural sensitivity, and humanity to to create awareness within society for problem –solving and interpretation..

Program Specific Outcome (PSOs)-

PSO 1	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 & intelligence system through theory and practicals.
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.

Defence & Strategic Studies

(School of Humanities and Social Science)
FIRST YEAR (Certificate Course)

First Semester

S. No.	Course Category	Core Code	Course Name	Periods				Evaluation scheme		Subject Total
				L	T	P	Credit	Seasonal (Internal)	External (ESE)	
1	Core/Major	DEFMC 101	Fundamentals of Defence & Strategic Studies	4	0	0	4	30	70	100
2	Practical	DEFMC 102	Basics of Operational Exercises-l	0	0	2	2	30	70	100
3	Major Elective Paper	DEFME 101	Conflict Resolution and Peace Building	4	0	0	4	15	35	50
4	Practical	DEFME 102	Basics of field Exercises-l	0	0	2	2	15	35	50
5	Open Elective paper	DEFOE 101	Introduction to Terrorism	2	0	0	2	30	70	50
6	Vocational/Skill Course	DEFVC 101	Fundamentals of Disaster management	3	0	0	3	30	70	100
Total				13	0	4	17	150	350	500

L – Lecture, T – Tutorial, P – Practical, C – Credit

FIRST YEAR (Certificate Course) (Second Semester)

S. No.	Course Category	Core Code	Course Name	Periods				Evaluation scheme		Subject Total
				L	T	P	C	Seasonal (Internal)	External (ESE)	
1	Core/Major	DEFMC 201	Strategic Thought	4	0	0	4	30	70	100
2	Practical	DEFMC 202	Basics of Operational Exercises-II	0	0	2	2	30	70	100
3	Major Elective Paper	DEFME 201	Aspects of Strategic Thought	4	0	0	4	15	35	50
4	Practical	DEFME 202	Basics of field Exercises-II	0	0	2	2	15	35	50
5	Open Elective paper	DEFOE 201	International Terrorism	2	0	0	2	30	70	50
6	Vocational Skill Course	DEFVC 201	Strategic Leadership	3	0	0	3	30	70	100
Total				13	0	4	17	150	350	500

L – Lecture, T – Tutorial, P – Practical, C – Credit

FIRST YEAR (CERTIFICATE COURSE)

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

Programme	Year : First	Semester: I
Subject : Defence & Strategic Studies		
Course Code : DEFMC101	Course Title : Fundamentals of Defence & Strategic Studies (Theory)	
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: 4	Core Compulsory/Elective	
Max. Marks: 70	Min. Passing Marks 40	
Total No of Lectures : 60		
Units	Topic	No of Lectures
PART A		
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.	15
Units 2	War A. Historical Evolution, Features and Causes. B. Principles of war.	13
Units 3	War as an instrument of policy : Past, Present and Future	12
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	10
Units 5	Settling International Disputes a. Settlement of International Disputes (Amicable means only) b. International law and peace (peace Treaties and ICJ)	10
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)

Basics of operational Exercises-I (Practical) SEMESTER-I

Programme	Year : First	Semester: I
Subject : Defence & Strategic Studies		
Course Code : BDFMC 102	Course Title : Basics of operational Exercises-I	
Course Objectives: The objectives of this course are		
<ol style="list-style-type: none"> 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:	Min. Passing Marks	
Total No of Lectures : 30		
Units	Topic	No of Lectures
Units-1	Maps: Definition and Features; Classification and its utility for Military; Enlargement and reduction of Maps. Conventional Signs: Military and Geographical	06
Units-2	Grid System; Four figure and Six Figure Map Recommended.	08
Units-3	North: Types of North and finding out True North; The Pole Star Method; The equal altitude method; Watch method & Compass method.	06
Units-4	Short Presentation/Lecture	10
Recommended Books:		
<ol style="list-style-type: none"> 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 courses 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(Minor Elective) SEMESTER-I

Programme	Year : First	Semester: I
Subject : Defence & Strategic Studies		
Course Code : DEFME 101	Course Title : Conflict Resolution and Peace building	
<p><u>Course Objectives: The objectives of this course are</u> After undergoing this course a student will be in a position to –</p> <ul style="list-style-type: none"> • Learn the meaning and concept of Conflict Resolution and Peace Building. • Study the methods for conflict resolution; and • In creating win-win situation by peaceful methods of resolving issues or conflicts between Nation states. 		
Credits: 4	Core Compulsory/Elective	
Max. Marks: 70	Min. Passing Marks 40	
Total No of Lectures : 60		
Units	Topic	No of Lectures
PART A		
Unit 1	Conflict Resolution and Peace Building: Concept and Significance.	13
Unit 2	Nature of Conflict: Inter – state and Intra – state.	12
Unit 3	Peace Building: Local, Regional and International perspective.	10
Unit 4	Confidence Building Measure: Concept and Techniques	12
Unit 5	Conflict Resolution and Peace Building: a. Role of IGOs. b. Role of NGOs. c. Role of UN.	13
<p>SUGGESTED READING</p> <ul style="list-style-type: none"> • 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. • Kadloor, Savitri (2015) Conflict Resolution and Peace Building: UN Engagement in Cambodia, Pentagon Press, New Delhi. 		

- Murty, K. Satchidananda, (1986) Quest for Peace, Ajanta Publications, New Delhi.
- Murty, K. S. and Bouquet A. C., (1960) Studies in the Problems of Peace, Asia Publication House, Bombay.
- Rennie, Linda Forcey (ed.), (1986) Peace: Meanings, Politics and Strategies, Praeger, New York.
- Wallensteen, Peter ed. (1988) Peace Research: Achievements and Challenges, Westview Press, Boulder
- Sandole, Dennis J.D. (2010), Peace Building: Preventing Violent Conflict in a Complex world, Polity Press, UK.
- Ursula, Oswald, (ed.), (2000) Peace Studies from a Global Perspective, Maadhyam Books, 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	PS01	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 (DIPLOMA COURSE)
Basics of field Exercises-I (Practical) SEMESTER-I

Programme	Year : First Year	Semester: I
Subject : Defence & Strategic Studies		
Course Code : DEFME 102	Course Title : Basics of field Exercises-I	
Credits: 2	Core Compulsory/Elective	
Max. Marks:	Min. Passing Marks	
Total No of Lectures : 30		
Units	Topic	No of Lectures
Units-1	Relief Features and their representation on the Map.	06
Units-2	To draw a Field Sketch from a given route Report.	08
Units-3	Types of slope and their representation on the Map	06
Units-4	Short Presentation/Lecture	10
Recommended Books:		
<p>‘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.</p> <p>PRAKRIYATMAK SAINYA VIGYAN (Hindi) Part-1 and Part-II, By B.N.MALIWAL;(1968) EBD Publishing and Distributing Company 144, Rajpur Road, Dehradoun. 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).</p>		

Course outcomes (COs):**Upon successful completion of the courses 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	PS01	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 (open Elective)

Programme	Year : Second	Semester: I
Subject : Defence & Strategic Studies		
Course Code : DEFOE 101	Course Title : Introduction to Terrorism	
<u>Course Objectives: The objectives of this course are</u>		
<ol style="list-style-type: none"> 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: 2	Core Compulsory/Elective	
Max. Marks:	Min. Passing Marks	
Total No of Lectures : 30		
Units	Topic	No of Lectures
I	Introduction (a) Definition and meaning of Terrorism. (b) History of Terrorism. (c) Nature and Tactics of Terrorism.	08
II	Terrorism in perspective (a) Causes of Terrorism. (b) Types of Terrorism. (c) Levels of Terrorism.	07
III	Terrorism and India (a) Kashmir- Cross-border terrorism (b) Terrorism in North-East India. (c) Major Terrorism attacks	06
IV	Left-Wing Extremism in India (a) Naxalite Movement (b) Growth of Maoist Insurgency (c) Red Corridor	09
Recommended Books:		
B.P.Singh, Sehgal, Global Terrorism: Socio-Political and Legal Dimensions, New Delhi: Deep & Deep Publications,1996.		
Virender Grover, (ed). Encycloepadia of International Terrorism: Terrorism, History and Development, Vol.1, New Delhi; Deep & Deep Publications,2002.		
Virender Grover, (ed)., Encycloepadia 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 courses 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(Vocational/Skill)

Programme	Year : First	Semester: I
Subject : Defence & Strategic Studies		
Course Code :DEFVC 101	Course Title : Fundamentals of Disaster Management	
Course Objectives: The objectives of this course are		
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	Core Compulsory/Elective	
Max. Marks: 60	Min. Passing Marks	
Total No of Lectures :		
Units	Topic	No of Lectures
I	Disaster Management. A. Meaning and definition of disaster management. B. Concept and Significance. C. Approaches to Disaster Management-Elements, Rationale and Objectives.	08
II	Typology of Disaster. A. Natural Disaster. B. Manmade Disaster.	07
III	Policy. A. National. B. Options and significance. C. Disaster management support.	04
IV	Elements of Disaster Management. A. Rescue. B. Relief . C. Rehabilitation. D. Mitigation.	06
V	Disaster and War. A. Socio-economic effects, B. Health and environmental effects. C. Education for Disaster risk reduction.	05
Suggested Readings:		
1. Bourriau, Janine; Understanding Catastrophe; Cambridge University Press, Cambridge, 1992. Carter, 2. W. Nick; Disaster Manageient - 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 courses 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 (DIPLOMA COURSE)
Strategic Thought (Major Core) SEMESTER-II

Programme	Year : First Year	Semester: II
Subject : Defence & Strategic Studies		
Course Code : DEFMC 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: 4		Core Compulsory/Elective
Max. Marks:		Min. Passing Marks
Total No of Lectures : 60		
Units	Topic	No of Lectures
PART A		
Unit 1	Introduction (a) Concept of strategic thought (b) Concept of Non – Violence by Gandhi	22
Unit 2	Linkages between War and Politics (a) Concepts of Machiavelli (b) Concepts of Jomini (c) Clausewitz’s theories on war and politics.	18
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	12
Unit 4	NUCLEAR STRATEGY (a) The impact of Nuclear weapons on strategy (b) Strategy of Deterrence (c) Nuclear Strategies since 1945.	08
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 courses student will be able to

CO1	Remember the 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) SEMESTER-II
Basics of operational Exercises-II (Practical)

Programme	Year : First	Semester: II
Subject : Defence & Strategic Studies		
Course Code : DEFMC 202	Course Title : Basics of operational Exercises-II	
<u>Course Objectives: The objectives of this course are</u>		
<ol style="list-style-type: none"> 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: 2	Core Compulsory/Elective	
Max. Marks:	Min. Passing Marks	
Total No of Lectures : 30		
Units	Topic	No of Lectures
Units-1	Bearing: Definition, Inter conversion of Bearing in detail.	06
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.	08
Units-3	To find out the bearing of a point from other point situated on the ground.	06
Units-4	Short presentation/Lecture	10
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 courses 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 (DIPLOMA COURSE)
Aspects of strategic Thought (Major Elective) SEMESTER-II

Programme	Year : First Year	Semester: II
Subject : Defence & Strategic Studies		
Course Code : DEFME 201	Course Title : Aspects of strategic Thought	
<u>Course Objectives</u> After undergoing this course a student will be in a position to – <ul style="list-style-type: none"> • 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: 4		Core Compulsory/Elective
Max. Marks:		Min. Passing Marks
Total No of Lectures : 60		
Units	Topic	No of Lectures
PART A		
Unit 1	Kautilaya's Philosophy of war.	22
Unit 2	Sun Tzu- The Art of war.	18
Unit 3	Mao-Tse-Tung's views on Guerrilla warfare.	12
Unit 4	John Foster Dulles and Andre Beaufre - Theories of Nuclear War and Deterrence.	08
SUGGESTED READING <ul style="list-style-type: none"> • 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 Kautilya and describe about the Sun Tzu- The Art of war.
CO2	Interpret the different concepts of Sun Tzu
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

FIRST YEAR (DIPLOMA COURSE)
Basics of Field Exercises -II (Practical) SEMESTER-II

Programme	Year : Second Year	Semester: II
Subject : Defence & Strategic Studies		
Course Code : DEFME 202	Course Title : Basics of Field Exercises-II	
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: 2	Core Compulsory/Elective	
Max. Marks:	Min. Passing Marks	
Total No of Lectures : 30		
Units	Topic	No of Lectures
Units-I	Different method of marching in day and night	08
Units-2	Compass variation and Determination of individual compass verror. (ICE)	09
Units-3	To draw a Field Sketch from a given route Report.	07
Units-4	Short presentation/Lecture	06
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 courses 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	PS01	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 (DIPLOMA COURSE)
INTERNATIONAL TERRORISM (Open Elective)

Programme	Year : First	Semester: II
Subject : Defence & Strategic Studies		
Course Code : DEFOE 201	Course Title : International Terrorism	
<u>Course Objectives: The objectives of this course are</u>		
After undergoing this course a student will be in a position to –		
<ul style="list-style-type: none"> • 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: 2	Core Compulsory/Elective	
Max. Marks:	Min. Passing Marks	
Total No of Lectures : 60		
Units	Topic	No of Lectures
Units-1	International Terrorism.: Meaning, concept, philosophy and historical perspective.	18
Units-2	Causes of Terrorism: Social, Economic, Political and Religious.	16
Units-3	State Terrorism & State-sponsored Terrorism.	14
Units-4	Manifestations of terrorism: Small Arms Proliferation, Drug Trafficking and Money laundering.	12
SUGGESTED READING		
<ul style="list-style-type: none"> • 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 courses 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	PO1	PO2	PO3	PO4	PO5	PO6	PO7	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 (DIPLOMA COURSE)
Strategic Leadership (Vocational Skill Course)

Programme	Year : First	Semester: II
Subject : Defence & Strategic Studies		
Course Code : DEFVC 201	Course Title : Strategic Leadership	
<p><u>Course Objectives: The objectives of this course are</u> After undergoing this course a student will be in a position to –</p> <ul style="list-style-type: none"> • 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:	Min. Passing Marks	
Total No of Lectures : 60		
Units	Topic	No of Lectures
Units-1	Introduction to Strategic Leadership: Meaning, Significance and Styles.	18
Units-2	Behavioral Concepts – Individual Behaviour – Perception – Learning – Attitude Formation and Change – Motivation – Theories of Motivation – Personality Development.	16
Units-3	Team Building and Management – Developing team resources – Designing team – Participation and Repercussion – Team building activities.	14
Units-4	Military Leadership: Meaning, attributes and Characteristics of Military Leadership	12
<p>SUGGESTED READING</p> <ul style="list-style-type: none"> • 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 courses 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 Behaviour 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 Behaviour
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	PS01	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