



H.N.B. GARHWAL UNIVERSITY SRINAGAR, GARHWAL
(A CENTRAL UNIVERSITY)

(SCHOOL OF EARTH SCIENCE)
DEPARTMENT OF DEFENCE, STRATEGIC AND
GEOPOLITICAL STUDIES

SYLLABUS : NEP 2020
(B.A./B.Sc. in Defence and Strategic Studies)

NEP-2020
Department of Defence, Strategic and Geopolitical Studies
(School of Earth Science)

(Arts Group)

Semester	Paper Category	Credits	Paper Title	Paper Code
SEMESTER I	Core Subject 1	04	Conceptual Aspects of War	411111-CC
	LAB-Practical	02	Practical	411611-CC-P
	Additional Multidisciplinary	04 or 2+2	Terrorism	411511-MDI
	Skill Course	02	Introduction to Journalism	411311-SEC
	Extracurricular course/CC	02	Life Skills and Personality Development/CC	--
SEMESTER II	Core Subject 1	04	Evolution of Art of War in India	412111-CC
	LAB-Practical	02	Practical	412611-CC-P
	Additional Multidisciplinary	04 or 2+2	Disaster Management	412511-MDI
	Skill Course	02	News and Content Analysis	412311-SEC
	Understanding and Connecting with Environment	02	University will conduct the course	--
SEMESTER III	Core Subject 1	04	Fundamentals of India's National Security	413121-CC
	LAB-Practical	02	LAB-Practical	413621-CC-P
	Additional Multidisciplinary	04 or 2+2	Cyber Security and Artificial Intelligence	413521-MDI
	Skill Course-	02	Basics of Defence Journalism	413321-SEC
	IKS / AMSC	02	Indian Knowledge System	--
SEMESTER IV	Core Subject 1	04	Economic Aspects of National Security	414121-CC
	LAB-Practical	02	Practical	414621-CC-P
	Additional Multidisciplinary	04 or 2+2	Human Right and Humanitarian Law	414521-MDI
	Skill Course	02	Introduction to Industrial Security Management	414321-SEC
	IKS / AMSC	02	Indian Knowledge System	--

NEP-2020
Department of Defence, Strategic and Geopolitical Studies
(School of Earth Science)

(Science Group)

Semester	Paper Category	Credits	Paper Title	Paper Code
SEMESTER I	Core Subject 1	04	Conceptual Aspects of War	411111-CC
	LAB-Practical	02	Practical	411611-CC-P
	Additional Interdisciplinary	04 or 2+2	Terrorism	411511-MDI
	Skill Course	02	Introduction to Journalism	411311-SEC
	Extracurricular course/CC	02	Understanding and Connecting with Environment	--
SEMESTER II	Core Subject 1	04	Evolution of Art of War in India	412111-CC
	LAB-Practical	02	Practical	412611-CC-P
	Additional Interdisciplinary	04 or 2+2	Disaster Management	412511-MDI
	Skill Course	02	News and Content Analysis	412311-SEC
	Life Skills and Personality Development/CC	02	University will Prepare Course	--
SEMESTER III	Core Subject 1	04	Fundamentals of India's National Security	413121-CC
	LAB-Practical	02	LAB-Practical	413621-CC-P
	Additional Interdisciplinary	04 or 2+2	Cyber Security and Artificial Intelligence	413521-MDI
	Skill Course-	02	Basics of Defence Journalism	413321-SEC
	IKS / AMSC	02	Indian Knowledge System	--
SEMESTER IV	Core Subject 1	04	Economic Aspects of National Security	414121-CC
	LAB-Practical	02	Practical	414621-CC-P
	Additional Interdisciplinary	04 or 2+2	Human Rights and Humanitarian Law	414521-MDI
	Skill Course	02	Introduction to Industrial Security Management	414321-SEC
	IKS / AMSC	02	Indian Knowledge System	--

SEMESTER-I
FIRST YEAR (CERTIFICATE COURSE)
CONCEPTUAL ASPECTS OF WAR
Paper Code: 41111-CC

Theory Paper

Course Outcome: The student at the completion of the course will be able to: Clearly understand the definition, meaning and distinguish basic concepts of war; various types of war and its various typologies, techniques and characteristics; and Grasp the concept and theories of nuclear war in detail.

Unit-I Conceptual Formulation

- A. Meaning and definition of Defence and Strategic Studies – Its relevance and significance, its relationship with other disciplines of study.
- B. War-Definition and meaning of basic concepts – War, Grand Strategy, Strategy, Tactics, Security and Defence.

Unit-II War

- A. Historical Evolution, Features and Causes.
- B. Principles of war.

Unit-III Typology of Warfare:

- A. Conventional and unconventional wars – Civil wars, Cold War, Guerilla war, Limited war, Total war, Psychological War, Economic War & Information War.
- B. ABC warfare – Atomic, Biological & Chemical warfare. WMDs

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. Van Evara, Stephen, (1999), Causes of War: Power and the Roots of Conflict, Cornell University Press, Ithaca.
12. Wright, Quincy, (1942) Study of War, University of Chicago Press.

13. सिंह डॉ. एल.जे. (2020), युद्ध का अध्ययन, सैन्य मनोविज्ञान एवं युद्ध व शान्ति की समस्याएं, प्रकाश बुक डिपो, बरेली।
14. सिंह, टण्डन, अग्रवाल (2012), युद्ध और शान्ति का अध्ययन, शारदा पुस्तक भवन, इलाहाबाद।
15. पाण्डेय बाबूराम एवं रामसूरत (2005), युद्ध और शान्ति के मूल तत्व, प्रकाश बुक डिपो, बरेली।
16. सिंह डॉ. बी.पी, कुमार डॉ. राहुल एवं कुमार डॉ. अमित (2021–22), युद्ध का अवधारणात्मक अध्ययन, चन्द्र प्रकाश एण्ड ब्रादर्स, हापुड।

SEMESTER-I
FIRST YEAR (CERTIFICATE COURSE)
PRACTICAL

Paper Code: 411611-CC-P

Programme/Class: Certificate	Year: First	Semester: I
Total No. of Lectures-Tutorials-Practical-30 (60 hours)		
Unit	Topic	No. of Lectures
I	MAP READING: Definition, Characteristics, Classification, Military Maps, Limitations, of the Maps, Map Marginal Information's, Orienting a Map, Care and Precaution of the Map, Topo-Sheet and its utility for Military.	08
II	Conventional Signs: Military and Geographical	06
III	SHEET NUMBER: Million Sheets, Quarter inch sheets, Half inch, sheets, One inch sheet.	06
IV	GRID SYSTEM: Indian Grid System, Map References, Four figure, Six Figure and Eight Figure Map References.	06
V	North: Types of North and finding out True North; The Pole Star Method; The equal altitude method; Watch method & Compass method.	04
Suggested Continuous Evaluation Methods:		
Test with multiple choice questions/short and long answer questions, or Record, Viva Voce		
Books Suggested		
<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 		

SEMESTER-I
FIRST YEAR (CERTIFICATE COURSE)
TERRORISM
Paper Code: 411511-MDI

Course Outcome: This paper introduces the concept of Terrorism and its manifestations in historical perspective. Motivated organised violence targeting the population and the government threatening the existing social and political order has become very prevalent in today's world. Basic understanding of terrorism is essential to appreciate the events in right perspective.

Unit-I Introduction

- A. Definition and meaning of Terrorism.
- B. History of Terrorism.
- C. Nature and Tactics of Terrorism.

Unit-II Terrorism in perspective

- A. Causes of Terrorism.
- B. Types of Terrorism.
- C. Levels of Terrorism.

Unit-III Terrorism and India

- A. Kashmir- Cross-border terrorism.
- B. Major Terrorism attacks.
- C. Strategy to counter Terrorism.
- D. Terrorism rising as a global challenge.

Suggested Readings:

1. B.P.Singh, Sehgal, Global Terrorism: Socio-Political and Legal Dimensions, New Delhi: Deep & Deep Publications, 1996.
2. Virender Grover, (ed)., Encycloepadia of International Terrorism: Terrorism, History and Development, Vol.1, New Delhi; Deep & Deep Publications, 2002.
3. Virender Grover, (ed)., Encycloepadia of International Terrorism: Terrorism in World Countries, Vol.2, New Delhi: Deep & Deep Publications, 2002.
4. Walter Laqueur, Terrorism, Boston: Little Brown and Co., 1977.
5. Yonah Alexander, David Carton and Paul Wilkinson, Terrorism : Theory and Practice, Colorado: West View Press, 1979.

SEMESTER-I
FIRST YEAR (CERTIFICATE COURSE)
INTRODUCTION TO JOURNALISM
Paper Code: 411311-SEC

Course Outcome: This provides background to the source. The History of Journalism is provided as a backdrop, against which the emergence of Press Council of India (PCI) is outlined

Unit-I Basics of Journalism.

- A. Meaning, Definition and the concept of Journalism.
- B. Qualities of a Journalist.
- C. Ethics of Journalism.

Unit-II Journalism - History and Trends.

- A. Growth and milestones in Journalism.
- B. Industrialization of the press: 1880 – 1920.
- C. Electronic changes after: 1920 – 1950.

Unit-III The Press Council of India.

- A. Emergence of the Press Council of India Powers and functions of the Press Council of India .
- B. Role of the Press Council in India

Unit-IV Terminology of modern Journalism

Suggested Readings:

1. Menon, P.K., Practical Journalism, Jaipur : Aavishkar Publishers & Distributors, 2005.
2. Dhara, R., Journalism, Calcutta Industry Publishers, 1945.
3. Basu, R.N., Handbook of Journalism, Jaipur: Pointer Publishers, 2005.
4. Kamath, M. V., The Journalist's Handbook, New Delhi : Vikas, 1980.
5. ----- Professional Journalism, New Delhi: Vikas, 1983.

SEMESTER-II
FIRST YEAR (CERTIFICATE COURSE)
EVOLUTION OF ART OF WAR IN INDIA
Paper Code: 412111-CC

Course Outcome: 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.

Unit-I Warfare in Ancient India.

- A. Types of war during Vedic period.
- B. Alexander's invasion of India (battle of Hydaspas).

Unit-II Military System of the Mauryan Period.

- A. Military organizations of Maurayas and Kautilya's philosophy of war.

Unit-III Military System of the Gupta Period.

- A. The Gupta's military organization.
- B. Military organization of Harshavardhana.

Unit-IV Rajput Military System.

- A. Mohammed Ghauri's conquest of India (Battle of Tarrain I & II).
- B. Causes of Rajput failures in the middle ages.

Unit-V Military Systems of the Mughals.

- A. Foundation and Consolidation of the Mughal empire (First Battle of Panipat 1526 AD, Battle of Khanwa 1527 AD and Second battle of Panipat).
- B. The Mughal military organization, weapon system, art of war.

Unit-VI The Maratha Military System.

- A. The military organization of Shivaji.
- B. The Military Organization of Marathas.

Unit-VII The Sikh Military System.

- A. Rise of Sikhism and the Military Organizations of the Sikhs.

Unit-VIII British Conquest of India.

- A. The first war of Independence, the Great Mutiny of 1857A.D.
- B. The Military reforms under the Crown.

Suggested Readings:

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.

SEMESTER-II
FIRST YEAR (CERTIFICATE COURSE)
PRACTICAL
Paper Code: 412611-CC-P

Programme/Class: Certificate	Year: First	Semester: II
Total No. of Lectures-Tutorials-Practical-30 (60 hours)		
Unit	Topic	No. of Lectures
I	Scale: Definition, Methods of representing Scale: Inter-conversion of scale into Representative Fraction, construction of simple scale line and the comparative scale lines.	08
II	Construction of scale.	06
III	Method of representing scale.	06
IV	Simple scale and comparative scale (Time and Distance).	06
V	Service Protector its uses.	04
This course can be opted as an elective by the students of following subjects: Open for all		
Suggested Continuous Evaluation Methods:		
Test with multiple choice questions/short and long answer questions or Record ,Viva Voce		

SEMESTER-II
FIRST YEAR (CERTIFICATE COURSE)
DISASTER MANAGEMENT
Paper Code: 412511-MDI

Course Outcome: The course will provide general insight to understanding disaster management and approaches including appraising on disaster, typology and management along with various approaches.

Unit-I Disaster Management.

- A. Meaning and definition of disaster management.
- B. Concept and Significance.
- C. Approaches to Disaster Management-Elements, Rationale and Objective.

Unit-II Typology of Disaster.

- A. Natural Disaster.
- B. Manmade Disaster.

Unit-III Policy.

- A. National.
- B. Options and significance.
- C. Disaster management support.

Unit-IV Elements of Disaster Management.

- A. Rescue.
- B. Relief .
- C. Rehabilitation.
- D. Mitigation.

Unit-V Disaster and War.

- A. Socio-economic effects,
- B. Health and environmental effects.
- C. Education for Disaster risk reduction.

Suggested Readings:

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 Delhi, 2004.

SEMESTER-II
FIRST YEAR (CERTIFICATE COURSE)
NEWS AND CONTENT ANALYSIS
Paper Code: 412311-SEC

Course Outcome: This paper attempts at explaining the fundamental components of journalism-the News it also outlines the News Writing Procedures.

Unit-I Defining News.

- A. The ingredients of News.
- B. Sources of News.
- C. Reporting.

Unit-II News Content.

- A. Headlines.
- B. Columns.
- C. Features (Art, Entertainment, sports etc.).

Unit-III News Writing Procedures.

- A. The paper and Headings.
- B. Brief paragraphing and Readability.
- C. Unusual or incorrect material.

Unit-IV Newspaper.

- A. Making up the Newspaper & aids to clarity.
- B. Editorials.
- C. Editorial policy.

Suggested Readings:

1. Basu, R.N., News Reporting, Jaipur: Aavishkar Publishers, 2005.
2. Menon, P.K., Electronic Media and Broadcasting, Jaipur: Aavishkar Publishers, 2006.
3. Ganesh, T.K., News Reporting and Editing in Digital Age, Delhi: GNOSIS, 2006.
4. Cambell, Laurence Raudolph, How to Report and Write News, New Delhi: 1961.

SEMESTER-III
SECOND YEAR (DIPLOMA COURSE)
FUNDAMENTALS OF INDIA'S NATIONAL SECURITY

Paper Code: 413121-CC

Course Outcome: To develop special subject knowledge on the vital concept of National Security and the approaches to achieve National Security (Special reference to India).

Unit-I Introduction.

- A. Definition, Scope and features of the Concept of National Security.
- B. Concept of National Power – elements of national power (tangible and intangible).
- C. Fundamental factors, Values, goals and policies that determine National Security.

Unit-II Foreign Policy and Defence Policy.

- A. Definition, Meaning, Scope & Determinants of Defence Policy.
- B. Definition, Meaning, Scope, & Determinants of Foreign Policy.
- C. Linkage between Foreign policy and Defence policy.

Unit-III Threats to National Security.

- A. Meaning and Definition of Threat.
- B. Threat Perception.
- C. Types of threats and Threats to India.

Unit-IV Strategic Environment of India.

- A. Features of strategic environment – its scope in policy making.
- B. India's Strategic environment - Immediate Neighbours, Adjacent Regions, Indian Ocean.

Suggested Readings:

1. Bajpai, U.S. (ed) India's Security : The Politico-Strategic Environment, New Delhi :Lancers Books, 1983.
2. Barry, Buzon., People, State and Fear : The National Security Problems in International Relations, Sussex ; Wheatsheaf Books, 1983.
3. Dixit, J.N., Across Borders: Fifty Years of India's Foreign Policy, New Delhi: Picus Books, 1998.
4. Jayaramu, P.S., India's National Security and Foreign Policy, New Delhi: ABC Publishers, 1978.
5. Kaul, T.N., India and the New World Order, Vol. 1, New Delhi: Gyan, 2000,
6. Kux, Dennis, Estranged Democracies: India and the United States 1941 - 1991, New Delhi: Sage Publications, 1994.
7. Satish Kumar, (ed)., Yearbook on India's Foreign Policy, New Delhi : Deep & Deep, 1993.
8. Singh, L.J., National Defence and Security
9. Singh, L.J., National Security.
10. Singh, L.J., Nature of War and North African Campaign (Hindi).

SEMESTER-III
SECOND YEAR (DIPLOMA COURSE)
PRACTICAL
Paper Code: 413621-CC-P

Programme/Class: Diploma Course		Year: Second	Semester: III
Total No. of Lectures-Tutorials-Practical-30 (60 hours)			
Unit	Topic		No. of Lectures
I	Relief Features and their representation on the map.		06
II	Types of slopes and their representation on the map		08
III	Gradient – Determination of gradients.		06
IV	Inter visibility – Determination of inter visibility in case of rise or fall of slope.		10
This course can be opted as an elective by the students of following subjects: Open for all			
Suggested Continuous Evaluation Methods:			
Test with multiple choice questions/short and long answer questions or Record ,Viva Voce			

SEMESTER-III
SECOND YEAR (DIPLOMA COURSE)
CYBER SECURITY AND ARTIFICIAL INTELLIGENCE
Paper Code: 413521-MDI

Course Outcome: The paper outlines the basics of information security and its management. Course also imparts knowledge about the cyber threats, measures and its law.

Unit-I Information Security.

- A. Classification Security.
- B. Protective Measures.
- C. Investigation.
- D. Responsibility

Unit-II Information and Cyber Security Management.

- A. Information Security and Personal Practices.
- B. Threats and Counter Measures.

Unit-III Laws of Cyber Security.

- A. Indian Laws on Cyber Security.
- B. Management of Cyber Security.

Unit-IV Introduction and Basic concept of Artificial Intelligence.

- A. Meaning and Definition.
- B. Utility of Artificial Intelligence.

Unit-V Artificial Intelligence and National Security.

- A. Use of Artificial Intelligence in Armed Forces.
- B. Artificial intelligence in Military control and Military Operations.
- C. Role of Artificial Intelligence in National Security.

Suggested Readings:

1. Pavan Duggal, Textbook On Cyber Law, Tiniversal Law Publishing co, 2 edition, 2016.
2. Aparna Viswanathan, Cyber Law- Indian And International Perspectives On Key.
3. Topics including Data security, E-Commerce, Cloud Computing And Cyber Crimes, Lexis Nexis; First edition 2012
4. Artificial Intelligence Sharbani Bhattacharya, University Science Press, edition 2009
5. Artificial intelligence, Pankaj Sharma SK Kataria & e Sons edition 2009

SEMESTER – III
SECOND YEAR (DIPLOMA COURSE)
BASICS OF DEFENCE JOURNALISM
Paper Code: 413321-SEC

Course Outcome: To prepare the students in handling a specialized field of journalism i.e. defence journalism.

Unit-I Introduction.

- A. Defence Journalism - its features.
- B. Civil Journalism & Defence journalism differences.
- C. Defence Writing - Need for specialist.
- D. Defence Journalism – As a Profession.

Unit-III Defence News.

- A. Meaning and Defining Defence News.
- B. Kinds of Sources of defence News.
- C. Defence Writing Procedure.

Unit-IV Defence Reporting.

- A. Format languages and grammar.
- B. Forms - Eye witness, computer assigned features.
- C. Concept of Graphics and Animation (Role of Modern Technology).

Unit-V 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:

1. Bhatt, S.C., Practical Journalism, Jaipur: Aavishkar, 2005.
2. Chatterjee, R.K., Mass Communication, New Delhi: National Book Trust, 1973.
3. Dhara, R., Journalism, Calcutta: Industry Publishers, 1945.
4. Waren „K Agrie., (ed)., The Press and the Public Interest, Washington, D.C., Public Affairs Press, 1968.

SEMESTER- IV
SECOND YEAR (DIPLOMA COURSE)
ECONOMIC ASPECTS OF NATIONAL SECURITY

Paper Code: 414121-CC

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

Unit-I Defence Economics: Meaning, Definition and Scope.

Unit-II Defence and Development: Concept and its implications for India;

Unit-III Economic Warfare; Effects of War on National Economy.

Unit-IV Assessment of War Potential (Resources of War) of a nation;

Unit-V Mobilization of Resources for War with reference to Physical, Fiscal and Moral Mobilization.

Unit-VI Importance of Logistics in War.

Unit-VII Defence Planning, Programming and Budgeting in India.

Suggested Readings:

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

SEMESTER- IV
SECOND YEAR (DIPLOMA COURSE)
PRACTICAL
Paper Code: 414621-CC-P

Programme/Class: Diploma Course	Year: Second	Semester: IV
Total No. of Lectures-Tutorials-Practical-30 (60 hours)		
Unit	Topic	No. of Lectures
I	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.	10
II	To determine one's and enemy's position on the map by resection and intersection methods with the help of compass.	06
III	Different method of marching in day and night	04
IV	Compass variation and Determination of individual compass error. (ICE)	04
V	To find out the bearing of a point from other point situated on the ground.	06
This course can be opted as an elective by the students of following subjects: Open for all		
Suggested Continuous Evaluation Methods:		
Test with multiple choice questions/short and long answer questions or Record ,Viva Voce		

SEMESTER- IV
SECOND YEAR (DIPLOMA COURSE)
HUMAN RIGHTS AND HUMANITARIAN LAW
Paper Code: 414521-MDI

Course Outcome: The paper focuses to outline the framework of human security, issues and challenges.

Unit-I Definition and evolution of the concept.

- A. Meaning, Nature and Development.
- B. Three Generation Rights.

Unit-II United Nations & Human Rights.

- A. UN Charter and the Universal Declaration of Human Rights.
- B. International Conventions and Covenants.

Unit-III Indian Perspective.

- A. Human Rights in Indian tradition- Civil, Political, Economic, Cultural Rights
Women's Rights.
- B. Constitutional & Legal framework in India- Human Rights Commission & Special
Commission for weaker section.

Unit-IV Issues and Challenges.

- A. Human Rights and challenges - ethnic conflict, social & political violence, terrorism,
environmental sources.
- B. Rights of Refugees.
- C. Internally Displaced people.

Suggested Readings:

1. Bajwa, G.S., Human Rights in India : Implementations and Violations, New Delhi :Sterling, 1995.
2. Deshta, S., Deshta, K., Fundamental Human Rights, New Delhi : Deep & Deep, 2003.
3. Donnelly, Jack., The Concept of Human Rights, New York : St.Martin, 1985.
4. Gibson, John, S., Dictionary of International Human Rights Law, Lanham, MD: Scarecrow Press,
1996.
5. Mehta, P.L., Verma,N., Human Rights Under the Indian Constitution, New Delhi : Deep & Deep,
1999.
6. Sehgal, B.P.S., Human Rights in India : Problems and Prospects, New Delhi : Deep & Deep' 2004

SEMESTER- IV
SECOND YEAR (DIPLOMA COURSE)
INTRODUCTION TO INDUSTRIAL SECURITY MANAGEMENT
Paper Code: 414321-SEC

Course Outcome: The paper focuses to impart knowledge on the security awareness of industry management and its control system.

Unit-I Security: Conceptual Aspects.

- A. Introduction.
- B. Security: Definition, Meaning and Scope/Concepts.
- C. Type of Security.
- D. Type of security Service.
- E. Role of private Security Service.

Unit-II Functions of security.

- A. Preventive Security.
- B. Protective Security.
- C. Detective security.
- D. Punitive security.

Unit-III Security Awareness.

- A. Introduction, Concept, Scope and Nature.
- B. The Security Awareness program.

Unit-IV Access control system.

- A. Varieties and access controls.
- B. Electronic security system.
- C. Prevention of mischief and sabotage.

Suggested Readings:

1. Sharma R.P. (2005), Industrial Security Management.
2. Subramanian. S. (2006), Industrial Security Management.
3. Russell, David L., Arlow, Pieter C. (2015), Industrial Security : Managing Security in the 21th Century.
4. Burstein, Harvey, (1986), Industrial Security Management.
5. Mccrie, Robert (2011), Security Operations Management.
6. Landucci Gabriele, Khakzad Nima, Reniers (2020), Physical Security in the Process Industry: Theory with Applications.