



हेमवती नंदन बहुगुणा गढ़वाल विश्वविद्यालय

(केंद्रीय विश्वविद्यालय)

HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY

(A CENTRAL UNIVERSITY)

DEPARTMENT OF DEFENCE, STRATEGIC AND GEOPOLITICAL STUDIES

NEP 2020 SYLLABI

Effective from 2026 onwards

SEMESTER I			
COURSE CATEGORY	TITLE	T	P
DISCIPLINE SPECIFIC CORE	DSC I (MAJOR/ MINOR): FUNDAMENTALS OF INDIAN NATIONAL SECURITY	3	
	DSC I (MAJOR/ MINOR) PRACTICAL: MAP READING		1
DISCIPLINE SPECIFIC CORE	DSC I (MAJOR/ MINOR): SUBJECT 2	4	
MD./ID (MINOR) – SUBJECT I	MULTIDISCIPLINARY/ INTERDISCIPLINARY (M.D / I.D) MINOR – I: CONCEPTUAL ASPECTS OF WAR	4	-
MD./ID (GENERAL)	MULTIDISCIPLINARY/ INTERDISCIPLINARY (M.D / I.D) (G) – I	3	-
SEC/ AEC	AEC COMMUNICATION SKILLS OR AMSC	3	-
VAC	UNDERSTANDING OR CONNECTING WITH THE ENVIRONMENT OR LIFE SKILLS AND PERSONALITY DEVELOPMENT	2	-
NOTE: 1. The semester will have a total credit of 20 2. M.D/I.D. (General), SEC and VAC courses will be offered by the university.		TOTAL	20

SEMESTER II			
COURSE CATEGORY	TITLE	T	P
DISCIPLINE SPECIFIC CORE	DSC II (MAJOR/ MINOR): DEFENCE MECHANISM OF INDIA	3	
	DSC II (MAJOR/ MINOR) PRACTICAL: SCALE		1
DISCIPLINE SPECIFIC CORE	DSC II (MAJOR/ MINOR): SUBJECT 2	4	
MD./ID (MINOR) – SUBJECT I	MULTIDISCIPLINARY/ INTERDISCIPLINARY (M.D / I.D) MINOR – II: TERRORISM: ISSUES AND CHALLENGES	4	-
MD./ID (GENERAL)	MULTIDISCIPLINARY/ INTERDISCIPLINARY (M.D / I.D) (G) – II	3	-
SEC/VAC	AMSC OR AEC COMMUNICATION SKILLS	3	-
VAC	UNDERSTANDING OR CONNECTING WITH THE ENVIRONMENT OR LIFE SKILLS AND PERSONALITY DEVELOPMENT	2	-
NOTE: - The semester will have a total credit of 20 - M.D/I.D. (General), SEC and VAC courses will be offered by the university		TOTAL	20

SEMESTER III			
COURSE CATEGORY	TITLE	T	P
MAJOR-I (ONE SUBJECT) MAJOR	DSC (MAJOR) III ECONOMIC ASPECTS OF NATIONAL SECURITY	4	-
	DSC III (MAJOR) PRACTICAL RELIEF FEATURES	-	1
MINOR-I (ONE SUBJECT)	DSC (MINOR) III CYBER SECURITY AND ARTIFICIAL INTELLIGENCE	4	-
SEC	SEC (MAJOR) IV INTRODUCTION TO JOURNALISM	3	-
MD./ID (MINOR)	MULTIDISCIPLINARY/ INTERDISCIPLINARY (M.D / I.D) MINOR III HUMAN RIGHTS AND HUMANITARIAN LAW	4	-
AEC (LANGUAGE BASED COURSES)	INDIAN, MODERN, REGIONAL LANGUAGE- I	2	-
VAC/AEC	AEC - INDIAN KNOWLEDGE SYSTEM OR VAC - CULTURE, TRADITIONS AND MORAL VALUES	2	-
NOTE: • The semester will have a total credit of 20 • Student will continue with the same Discipline Specific Major & Minor in the Second year (III & IV Semester) as studied in the first year (I & II semester) of the FYUP		TOTAL	20

SEMESTER IV			
COURSE CATEGORY	TITLE	T	P
MAJOR-I (ONE SUBJECT) MAJOR	DSC (MAJOR) V CHALLENGES TO INDIA'S INTERNAL SECURITY	4	-
	DSC V (MAJOR) PRACTICAL LIQUID PRISMATIC COMPASS	-	1
MINOR-I (ONE SUBJECT)	DSC (MINOR) IV INTRODUCTION TO INDUSTRIAL SECURITY MANAGEMENT	4	-
SEC	SEC (MAJOR) VI BASICS OF DEFENCE JOURNALISM	3	-
MD./ID (MINOR)	MULTIDISCIPLINARY/ INTERDISCIPLINARY (M.D / I.D) MINOR - IV DISASTER MANAGEMENT AND NATIONAL SECURITY	4	-
AEC (LANGUAGE BASED COURSES)	INDIAN, MODERN, REGIONAL LANGUAGE- II	2	-
VAC/AEC	AEC - INDIAN KNOWLEDGE SYSTEM OR VAC - CULTURE, TRADITIONS AND MORAL VALUES	2	-
NOTE: - The semester will have a total credit of 20 - Student will continue with the same Discipline Specific Major & Minor in the Second year (III & IV Semester) as studied in the first year (I & II semester) of the FYUP		TOTAL	20

FUNDAMENTALS OF INDIAN NATIONAL SECURITY

DISCIPLINE SPECIFIC CORE (DSC)

SEMESTER I (CREDITS – 03)

Course Objective: The course aims to equip students with a foundational understanding of the core concepts, structures, and evolving dynamics of national security, with a specific focus on India. It explores the interrelationship between national power, foreign and defence policies, and the strategic environment shaping India's security posture. Through the study of threats, both traditional and non-traditional, and the strategic context of India's neighbourhood and maritime domain, the course encourages critical engagement with India's national security challenges and policy responses.

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).

MAP READING

DISCIPLINE SPECIFIC COURSE (DSC) PRACTICAL

SEMESTER I (CREDITS – 01)

UNIT	TOPIC
I	Map reading: Definition, characteristics, classification, military maps, limitations of maps, map marginal information, orienting a map, care and precautions for maps, Topo-sheet and its utility for the military.
II	Conventional signs: Military and Geographical
III	Sheet number: Million sheets, quarter-inch sheets, half-inch sheets, one-inch sheets.
IV	Grid system: Indian grid system, map references, four-figure, six-figure and eight-figure map references.
V	North: Types of north and finding out true north; the pole star method; the equal altitude method; the watch method & the compass method.

Books Suggested

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

CONCEPTUAL ASPECTS OF WAR

MULTIDISCIPLINARY/ INTERDISCIPLINARY (M.D/ I.D) MINOR – I

SEMESTER I (CREDITS – 04)

Course objective: The course aims to equip students with a foundational understanding of the core concepts and evolving nature of war. By the end of the course, students will be able to define and differentiate key strategic terms, analyse the historical evolution, principles, and causes of war; identify various types and typologies of warfare—including conventional, unconventional, and WMD-based conflicts; and critically engage with theoretical frameworks related to nuclear and strategic warfare in modern contexts.

UNIT I CONCEPTUAL FORMULATION

- A. Meaning and concept 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 and Features.
- B. Causes and Principles of War.

UNIT III TYPOLOGY OF WARFARE

- A. Conventional and Unconventional wars – Concept and significance in the contemporary age
- B. Meaning and concept of:
 - Civil wars, Cold War, Guerrilla war, Limited war, Total war, Psychological War, Economic War & Information War.

UNIT IV

- A. ABC warfare – Atomic, Biological & Chemical warfare
- B. Weapons of Mass Destruction (WMD), including India's doctrine and capabilities

Suggested Readings:

- Andreski S., (1968) Military Organisation and Society, Univ. California Press, Berkeley.
- Anthony James Joes, (1996) Guerrilla Conflict before the Cold War, (Praeger Publishers,
- Aron R. (1966). Peace and War: A Theory of International Relations. Praeger, New York.
- Barringer R., (1972) War: Patterns of Conflict, MIT Press, Cambridge, Mass.
- Blainey G., (1973) The Causes of War, Macmillan, London.
- Montgomery Viscount, (1983) A History of Warfare, William Morrow & Co, New York City.
- Mukherji and Shyam Lal (1952) A Textbook of Military Science, Vol. II., Navayuga, New Delhi.
- Osanka, F. M. (1962). Modern Guerrilla Warfare. Free Press of Glencoe, New York.
- Sidhu, K. S. (1988). War and Its Principles, Atlantic, New Delhi.
- Tripathi, K.S., (1970) Evolution of Nuclear Strategies, Vikas, New Delhi
- Van Evara, Stephen, (1999), Causes of War: Power and the Roots of Conflict, Cornell University Press, Ithaca.
- Wright, Quincy (1942). Study of War. University of Chicago Press.

DEFENCE MECHANISM OF INDIA
DISCIPLINE SPECIFIC COURSE (DSC) II
SEMESTER II (CREDITS – 03)

Course Objectives: This paper aims to explore India's defence architecture by examining the structure and roles of its higher defence organisations, the Army, Navy, and Air Force. It seeks to outline their doctrines, histories, recruitment, training, and key platforms. Additionally, it will analyse joint structures and central armed police forces like the BSF and CRPF. This paper strives to provide a clear, engaging overview of India's defence framework and its critical role in ensuring national security.

UNIT I: HIGHER DEFENCE ORGANISATIONS OF INDIA.

1. Power of the President of India in relation of Defence.
2. CCS, NSA and NSAB: Roles and Composition
3. Ministry of Defence: Role, Historical Evolution and Organisational Structure.

UNIT II: INDIAN ARMY

1. Role, Doctrine and Brief History
2. Recruitment Policies and Training Establishments
3. Rank Structure, Organisational Structure, Arms and Services, Units and Formations
4. Major Combat and Support Platforms

UNIT III: INDIAN AIR FORCE

1. Role, Doctrine and Brief History
2. Recruitment Policies and Training Establishments
3. Rank Structure, Organisational Structure, Units and Establishments
4. Major Aviation and Support Platforms

UNIT IV: INDIAN NAVY

1. Role, Doctrine and Brief History
2. Recruitment Policies and Training Establishments
3. Rank Structure, Organisational Structure, Branches, Units and Establishments
4. Major Naval, Aviation and Support Platforms

UNIT-V: JOINT STRUCTURES, PARAMILITARY AND CAPFS

1. CDS and HQ IDS

2. SFC, ANC, AFSOD, DCA, DIA etc.
3. AR, BSF, CG, RR, ITBP, SSB, CRPF, CISF etc.

Suggested Readings:

- Annual Report 2018-19. (2019). Ministry of Defence, Government of India.
- Annual Report 2021-22. (2022). Ministry of Home Affairs, Government of India.
- Doctrine of the Indian Air Force. (2022). Directorate of Operations (IEW), IAF.
- Gupta. (2018). How India Manages Its National Security. Penguin/Viking.
- Indian Army Doctrine. (2004). HQ Army Training Command.
- Indian Maritime Doctrine. (2009). Integrated HQ, Ministry of Defence (Navy).
- Joint Doctrine: Indian Armed Forces. (2017). HQ Integrated Defence Staff, MoD.
- Krishna Rao. (1991). Prepare or Perish: A Study of National Security. Lancer Publishers.
- Thapliyal. (2018). Military History of India. Rupa Publications.

SCALE

DISCIPLINE SPECIFIC COURSE (DSC) II PRACTICAL

SEMESTER II (CREDITS – 01)

UNIT	TOPIC
I	Scale: Definition, methods of representing scale: inter-conversion of scale into representative fraction, construction of simple scale line and the comparative scale lines
II	Construction of Scale
III	Method of representing scale
IV	Simple scale and comparative scale (Time and distance)
V	Service protractor and its uses

Suggested readings:

- Singh, R. L. (1998). Elements of Practical Geography. Kalyani Publishers.
- Ranganath, H. N. (2009). Cartography for Beginners. Vikas Publishing.
- Monkhouse, F. J., & Wilkinson, H. R. (1971). Maps and Diagrams: Their Compilation and Construction. Methuen.
- Mishra, R. P., & Ramesh, A. (1999). Fundamentals of Cartography. Macmillan.
- Indian Army Publication. Field Engineering and Map Reading Manual

TERRORISM: ISSUES AND CHALLENGES

MULTIDISCIPLINARY AND INTERDISCIPLINARY (M.D/ I.D) MINOR – II

SEMESTER II (CREDITS – 04)

Course Objective: This paper introduces the concept of Terrorism and its manifestations in a 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. A basic understanding of terrorism is essential to appreciate the events in the right perspective.

UNIT-I INTRODUCTION

1. Definition and meaning of Terrorism.
2. History of Terrorism.
3. Nature and Tactics of Terrorism.

UNIT-II TERRORISM IN PERSPECTIVE

1. Causes of Terrorism.
2. Types of Terrorism.
3. Levels of Terrorism.

UNIT-III TERRORISM AND INDIA

1. Kashmir- Cross-border terrorism.
2. Major terrorist attacks.

UNIT-IV COUNTER STRATEGIES AND CONTEMPORARY RELEVANCE

1. Counter Terrorism strategies and policy developments
2. Terrorism as a rising 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)., Encyclopaedia of International Terrorism: Terrorism, History and Development, Vol . 1, New Delhi; Deep & Deep Publications,2002.
3. Virender Grover, (ed)., Encyclopaedia of International Terrorism: Terrorism in the 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.

ECONOMIC ASPECTS OF NATIONAL SECURITY

DISCIPLINE SPECIFIC CORE (DSC) MAJOR - III

SEMESTER III (CREDITS – 04)

Course Objective: The course provides a foundational understanding of the economic dimensions of national defence. It introduces students to key concepts in defence economics, including resource allocation, trade-offs between defence and development, the economic effects of warfare, and defence planning in India. Emphasis is placed on India's defence-economic strategies, enabling students to critically analyse how economic principles are applied to national security and military preparedness.

UNIT I: FOUNDATIONS OF DEFENCE ECONOMICS

1. Meaning, definition, and scope of Defence Economics
2. Concept of Economic Warfare and its impact on nations

UNIT II: DEFENCE AND DEVELOPMENT

1. Defence and Development: Concept and its implications for India
2. The 'Guns vs Butter' debate: Economic implications

UNIT III: WAR ECONOMY AND RESOURCE MOBILISATION

1. Assessment of War Potential (Resources of War) of a nation
2. Mobilisation of Resources with reference to Physical, Fiscal and Moral Mobilisation.

UNIT IV: DEFENCE PLANNING AND LOGISTICS IN INDIA

1. Role of logistics and supply chains in military strategy.
2. Defence Planning, Programming and Budgeting in India.
3. Modern challenges: indigenisation, self-reliance, and Make in India

Suggested readings:

- 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.
- Ron Smith (2009). Military Economics: The Interaction of Power and Money. Palgrave Macmillan.
- Todd Sandler & Keith Hartley (1995). The Economics of Defence. Cambridge University Press.
- G. Ashok (2000). Defence Economics. Anmol Publications.
- S.K. Ghosh (1996). India's Defence Budget and Expenditure Management. Lancer Publishers.
- Laxman Kumar Behera (2022). Indian Defence Industry: An Agenda for Making in India. Routledge India.
- Paul Kennedy (1989). The Rise and Fall of the Great Powers. Vintage Books.
- Keith Hartley (2011). The Economics of Defence Policy: A New Perspective. Routledge.
- Jurgen Brauer & J. Paul Dunne (2004). Arms Trade and Economic Development. Routledge.

RELIEF FEATURES

DISCIPLINE SPECIFIC CORE (DSC) MAJOR – III PRACTICAL

SEMESTER III (CREDITS – 01)

UNIT	TOPIC
I	Relief features and their representation on the map
II	Types of slopes and their representation on the map
III	Gradient – Determination of gradients
IV	Inter visibility – Determination of inter visibility in case of rise or fall of slope

Suggested readings:

- Singh, R. L. (1998). Elements of Practical Geography. Kalyani Publishers.
- Robinson, A. H. et al. (1995). Elements of Cartography (6th ed.). Wiley.
- Ranganath, H. N. (2009). Cartography for Beginners. Vikas Publishing House.
- Sarkar, A. (2015). Practical Geography: A Systematic Approach. Orient BlackSwan.
- Gopal Singh. (2012). Map Work and Practical Geography (4th ed.). Vikas Publishing.
- Petersen, J. F., Sack, D., Gabler, R. E., & Trapasso, L. M. (2016). Physical Geography (11th ed.). Cengage Learning.

CYBER SECURITY AND ARTIFICIAL INTELLIGENCE

DISCIPLINE SPECIFIC CORE (DSC) MINOR - III

SEMESTER III (CREDITS – 04)

Course objective: This course introduces students to the fundamentals of information and cybersecurity, as well as the principles and applications of artificial intelligence (AI) in the national security domain. It aims to equip students with knowledge of cyber threats, legal frameworks, personal security practices, and the strategic implications of AI in defence and intelligence operations, with a special focus on the Indian context.

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 Countermeasures.

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 and Military Operations.
- B. Role of Artificial Intelligence in National Security

Suggested Readings:

- William Stallings (2019). Effective Cybersecurity: A Guide to Using Best Practices and Standards. Addison-Wesley.
- Pavan Duggal (2021). Cyberlaw: The Indian Perspective. Universal Law Publishing.
- Raef Meeuwisse (2020). Cybersecurity for Beginners. Cyber Simplicity
- Richard Kissel (Ed.) (2011). NIST Guide to Computer Security. U.S. National Institute of Standards and Technology
- Stuart Russell & Peter Norvig (2021). Artificial Intelligence: A Modern Approach (4th ed.). Pearson.
- Shweta Bajaj & Rajiv Sharma (2021). Artificial Intelligence and Its Applications in Defence and National Security. Pentagon Press.
- Paul Scharre (2018). Army of None: Autonomous Weapons and the Future of War. W. W. Norton & Company.
- Nils J. Nilsson (2009). The Quest for Artificial Intelligence. Cambridge University Press.
- Ajey Lele (2021). Disruptive Technologies for the Militaries and Security. Springer.

INTRODUCTION TO JOURNALISM

SKILL ENHANCEMENT COURSE (SEC) MAJOR IV

SEMESTER I (CREDITS – 03)

Course Objective: The course introduces students to the foundational concepts, evolution, ethics, and institutional structures of journalism. It explores the nature and responsibilities of journalism, its historical development, and the impact of technological changes on media practices. The course also examines regulatory frameworks such as the Press Council of India and familiarises students with emerging digital-era terminology essential to modern journalism. By the end, students will have a grounded understanding of journalism's core principles, historical context, ethical imperatives, and current challenges.

UNIT 1 BASICS OF JOURNALISM

- a) Meaning, Definition and the concept of Journalism
- b) Qualities of Journalism
- c) Ethics of Journalism

UNIT 2 JOURNALISM – HISTORY AND TRENDS

- a) Growth of Journalism
- b) Industrialisation (1880 – 1920) and electronic advancements (1920 – 1950)

UNIT 3 THE PRESS COUNCIL OF INDIA

- a) Emergence of the Press Council of India
- b) Powers, role and functions of the Press Council of India

UNIT 4 TERMINOLOGIES OF MODERN JOURNALISM

- a) Algorithm
- b) UGC – User-generated content
- c) ICT – Information and Communication Technology
- d) Fake News, Misinformation and Disinformation

Suggested readings:

1. Janet Malcolm (1990). *The Journalist and the Murderer*. Vintage.
2. Tony Harcup (2021). *Journalism: Principles and Practice* (4th ed.). SAGE.
3. Mitchell Stephens (2006). *A History of News* (3rd ed.). Oxford University Press.
4. Martin Conboy (2004). *Journalism: A Critical History*. SAGE.
5. K.S. Padhy (2011). *The Indian Press: Role and Responsibility*. Kanishka Publishers.
6. B.N. Ahuja (2005). *History of Press, Press Laws and Communication*. Surjeet Publications.
7. Justice J.S. Verma (1990). *Press and the Law*. Indian Law Institute.
8. David Buckingham (2008). *Youth, Identity, and Digital Media*. MIT Press.
9. Claire Wardle & Hossein Derakhshan (2017). *Information Disorder: Toward an Interdisciplinary Framework for Research and Policy Making*. Council of Europe.
10. Charlie Beckett (2008). *SuperMedia: Saving Journalism So It Can Save the World*. Wiley-Blackwell.
11. Alan Rusbridger (2018). *Breaking News: The Remaking of Journalism and Why It Matters Now*. Canongate.

HUMAN RIGHTS AND HUMANITARIAN LAW

MULTIDISCIPLINARY/ INTERDISCIPLINARY (M.D/ I.D) MINOR - III

SEMESTER III (CREDITS – 04)

Course Objective: This course provides a foundational understanding of human rights and humanitarian law, tracing their evolution, international frameworks, and Indian perspectives, while critically examining contemporary challenges such as conflict, displacement, and refugee rights.

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 the weaker section

UNIT IV ISSUES AND CHALLENGES.

- A. Human Rights and challenges - ethnic conflict, social & political violence, terrorism, environmental issues
- 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.

CHALLENGES TO INDIA'S INTERNAL SECURITY

DISCIPLINE SPECIFIC COURSE (DSC) MAJOR – V

SEMESTER IV (CREDITS – 04)

Course Objective: The paper examines the multifaceted threats to India's internal security, analyses the roles of various institutions and societal factors in addressing them, and assesses specific regional challenges and transnational issues through case studies and critical frameworks.

UNIT-I INTRODUCTION TO INTERNAL SECURITY

- (A) Definition, Importance and Overview
- (B) Role of Internal Security Architecture and Various Agencies.

UNIT-II THREATS TO INTERNAL SECURITY

- (A) Social, Economic, Ethnic & Political
- (B) Energy, Food and Water Security
- (C) Drug Trafficking and Proliferation of Small Arms.
- (D) Emerging Technologies & Internal Security Challenges

UNIT-III APPROACHES TO THE PROBLEMS OF INTERNAL SECURITY

- (A) Role of Society and Cultures
- (B) Role of Political Institutions and Armed Forces
- (C) Role of Media

UNIT-IV CASE STUDIES

- (A) Terrorism in Kashmir
- (B) Naxalism and Left-wing Extremism
- (C) Punjab Insurgency
- (D) North-East Insurgency

Suggested Readings:

- Bajpai, U.S. (ed) 1983 India & Security: The Politico-Strategic Environment, New Delhi: Lancers
- Kaul, T.N., India and the New World Order, Vol. 1, New Delhi: Gyan, 2000
- Singh, L.J., National Defence and Security
- Singh, L.J., National Security.
- Anthony James Joes, (1996) Guerrilla Conflict before the Cold War, (Praeger Publishers,
- Aron R. (1966). Peace and War: A Theory of International Relations. New York.
- Blainey G., (1973) The Causes Of War, Macmillan, London.
- Government of India, The Army of India and its Evolution, Calcutta, 1924.
- Ministry of Defence, Government of India,
- Indian Armed Forces Year Book

LIQUID PRISMATIC COMPASS

DISCIPLINE SPECIFIC COURSE (DSC) MAJOR – V

PRACTICAL

SEMESTER IV (CREDITS – 01)

UNIT	TOPIC
I	Liquid prismatic compass (LPC): features and functions of its various parts: attempt the following exercise on the LPC: to Determine the magnetic north, setting of the map
II	To determine one's and the enemy's position on the map by resection and intersection methods with the help of a compass
III	Different methods of marching in the day and at night
IV	Compass variation and determination of individual compass error (ICE)
V	To find out the bearing of a point from another point situated on the ground

Suggested readings:

- Hope, E. R. (2005). Map Reading and Land Navigation. U.S. Department of the Army Field Manual (FM 3-25.26)
- Gopal Singh. (2012). Map Work and Practical Geography (4th ed.). Vikas Publishing.
- Ranganath, H. N. (2009). Cartography for Beginners. Vikas Publishing.
- Sarkar, A. (2015). Practical Geography: A Systematic Approach. Orient BlackSwan.
- Indian Army Publication. Infantry Training: Map Reading and Navigation.
- Keller, J. E. (2010). Military Navigation: Latest Techniques and Night Movement.

INTRODUCTION TO INDUSTRIAL SECURITY MANAGEMENT

DISCIPLINE SPECIFIC CORE (DSC) MINOR - IV

SEMESTER IV (CREDITS – 04)

Course Objective: This course aims to equip students with foundational knowledge and a practical understanding of industrial security management, focusing on security service types, operational functions, access control systems, and the importance of security awareness in contemporary industrial environments.

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 21st 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.
7. Cragin, K., & Chalk, P. (2003). Industrial Security Management and the Modern Threat Environment. RAND Corporation.
8. Ghosh, P. K. (2000). Industrial Security Management. New Delhi: Himalaya Publishing House.
9. Sen, A. (2015). Private Security and the Law in India. New Delhi: Eastern Law House.

BASICS OF DEFENCE JOURNALISM

SKILL ENHANCEMENT COURSE (SEC) MAJOR - VI

SEMESTER IV (CREDITS – 03)

Course Objective: The course introduces students to the fundamentals of defence journalism, equipping them with the skills to report on military affairs with accuracy and responsibility. It covers the nature of defence news, reporting techniques, source evaluation, specialized writing formats, and essential military terminology relevant to the Indian context.

UNIT I INTRODUCTION

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

UNIT II 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 - Eyewitness, computer-assigned features.
- C. Concept of Graphics and Animation (Role of Modern Technology).

UNIT V DEFENCE TERMINOLOGY

- A. Defence Journalism: 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. Warren „K Agrie., (ed)., The Press and the Public Interest, Washington, D.C., Public Affairs Press, 1968.

DISASTER MANAGEMENT AND NATIONAL SECURITY
MULTIDISCIPLINARY/ INTERDISCIPLINARY (M.D/ I.D) – IV

SEMESTER IV (CREDITS – 04)

Course Objective: This course aims to provide students with a comprehensive understanding of disaster management by examining its conceptual foundations, typologies, policy frameworks, and practical interventions, with special emphasis on disaster–conflict intersections and risk reduction education.

UNIT I: DISASTER MANAGEMENT.

- A. Meaning, concept and significance of Disaster Management
- B. Approaches to Disaster Management-Elements, Rationale and Objectives.

UNIT II: TYPOLOGY OF DISASTER.

- A. Natural Disaster
- B. Manmade Disaster

UNIT III POLICY

- A. India's policies, agencies and support systems
- B. International Frameworks and collaborations

UNIT IV: ELEMENTS OF DISASTER MANAGEMENT

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

UNIT V: DISASTERS, CONFLICTS AND POST-CRISIS RECOVERY

- 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., Manila, 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. Encyclopaedia 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.