



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 2025 onwards

SEMESTER I				
COURSE CATEGORY	TITLE	T	P	
DISCIPLINE SPECIFIC CORE	DSC: FUNDAMENTALS OF INDIAN NATIONAL SECURITY	3		
	DSC PRACTICAL: MAP READING		1	
MD./ID – SUBJECT I	MULTIDISCIPLINARY/ INTERDISCIPLINARY (M.D / I.D) – I: CONCEPTUAL ASPECTS OF WAR	4	-	
SEC/VAC	SKILL ENHANCEMENT COURSE (SEC): INTRODUCTION TO JOURNALISM	2	-	
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. REMAINING 04 CREDITS WILL BE AVAILABLE FROM DSC II TO BE OFFERED BY OTHER DEPARTMENTS 3. M.D/I.D. SUBJECT II FOR 1 ST SEMESTER (4 CREDITS) • B. SC – DISASTER MANAGEMENT • B. A – MENTAL HEALTH AND WELL-BEING OR BASICS OF SOCIAL WORK		TOTAL	11	1

SEMESTER II				
COURSE CATEGORY	TITLE	T	P	
DISCIPLINE SPECIFIC CORE	DSC – I: DEFENCE MECHANISM OF INDIA	3		
	DSC PRACTICAL: SCALE		1	
MD./ID – SUBJECT I	MULTIDISCIPLINARY/ INTERDISCIPLINARY (M.D / I.D) – I: TERRORISM: ISSUES AND CHALLENGES	4	-	
SEC/VAC	SKILL ENHANCEMENT COURSE (SEC): NEWS AND CONTENT ANALYSIS	2	-	
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. REMAINING 04 CREDITS WILL BE AVAILABLE FROM DSC II TO BE OFFERED BY OTHER DEPARTMENTS 3. M.D/I.D. SUBJECT 2 FOR 2 ND SEMESTER (4 CREDITS) • B.Sc. - MENTAL HEALTH AND WELL-BEING • B.A - DISASTER MANAGEMENT		TOTAL	11	1

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 THE MAPS, MAP MARGINAL INFORMATION, ORIENTING A MAP, CARE AND PRECAUTIONS OF THE MAP, TOPO-SHEET AND ITS UTILITY FOR 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; WATCH METHOD & 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) – 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.

INTRODUCTION TO JOURNALISM

SKILL ENHANCEMENT COURSE (SEC)

SEMESTER I (CREDITS – 02)

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.

DEFENCE MECHANISM OF INDIA
DISCIPLINE SPECIFIC COURSE (DSC)
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) 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) – 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.

NEWS AND CONTENT ANALYSIS
SKILL ENHANCEMENT COURSE (SEC)

SEMESTER II (CREDITS – 02)

Course Objective: The course aims to develop students' analytical and writing skills by familiarizing them with the core components of news production and presentation. It enables them to critically assess news content, understand the principles of reporting and editorial decision-making.

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:

- Basu, R.N., News Reporting, Jaipur: Aavishkar Publishers, 2005.
- Menon, P.K., Electronic Media and Broadcasting, Jaipur: Aavishkar Publishers, 2006.
- Ganesh, T.K., News Reporting and Editing in Digital Age, Delhi: GNOSIS, 2006.
- Cambell, Laurence Raudolph, How to Report and Write News, New Delhi: 1961.
- Mencher, M. (2010). News reporting and writing (11th ed.). McGraw-Hill Education.
- Harcup, T. (2021). Journalism: Principles and practice (4th ed.). SAGE Publications
- Kovach, B., & Rosenstiel, T. (2014). The elements of journalism: What newspeople should know and the public should expect (3rd ed.). Three Rivers Press.
- Rich, C. (2015). Writing and reporting news: A coaching method (8th ed.). Cengage Learning.
- Stephens, M. (2006). History of news (3rd ed.). Oxford University Press.
- Rystrom, K., & Duncan, M. (2015). Reporting and writing: Basics for the 21st century (2nd ed.). Cognella Academic Publishing.
- Tumber, H., & Waisbord, S. (Eds.). (2017). The Routledge companion to media and scandal. Routledge.