4. B.A DEGREE COURSE IN DEFENCE AND STRATEGIC STUDIES  
(w.e.f.2008-09)

FIRST SEMESTER

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Non- Major Electives for I St Semester:-  
Choose any one from the list
1. Independent India  
2. Peace Studies  
3. Human Rights  
4. Criminology – An Introduction

Non-Major Electives for II Semester:-  
Choose any one from the list
1. International Law  
2. Introductory Sociology  
3. Disaster Management  
4. An Introduction to the Security Force of India
### THIRD SEMESTER

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SYLLABUS
FIRST SEMESTER
PAPER – 1 STRATEGIC STUDY OF INDIA

Unit 1:
Introduction : (a) Explanation of terms : Bharat, Hindustan, India (b) Salient features of freedom struggle (c) Geo-Strategic location, size, borders.

Unit 2:
Physiographic Features : (a) Himalayas, Indo-Gangetic Plain and Deccan Plateau (b) Ethnic & Linguistic Composition.

Unit 3:
System of Governance: (a) Salient Features of Indian Constitution (b) National Flag, National Anthem & National Institutions.

Unit 4:
Power Resources: (a) Agricultural (b) Industrial (c) Natural.

Unit 5:
Military Potential: (a) Defence Industries (b) Institutions of DRDO.

PAPER – II - FUNDAMENTALS OF WAR AND PEACE

Unit 1
Introduction (a) Nomenclature - understanding of terms Military Science, Military studies, War studies, Peace studies, Conflict studies. Defence studies and Defence & Strategic studies (b) Relevance & Significance.

Unit 2:
(a) Basic Concepts: war, Grand Strategy, Strategy, Tactics, Campaign, Battles, Operations, Defence & Security (b) Categorization of War: Civil war, Limited war, Chemical and Biological war, Nuclear war, Guerrilla war, Insurgency and Low Intensity Conflicts.

Unit 3:
Causes and Principles of War.

Unit 4:
Understanding of Peace: (a) Meaning, Definition & Forms of Peace (b) Role of Peace Education and Peace Movements (c) Concepts of Peaceful Co-existence & Zone of Peace.

Unit 5:
Allied Paper I : POLITICAL SCIENCE: AN INTRODUCTION – I

Unit I Introduction

Political Science as a discipline – Meaning and definition- Nature and Scope – Is Politics a Science or Art – Methods of Political Science.

Unit II State and Nation


Unit III Theories of Origin of State


Unit IV Sovereignty and Pluralism


Unit V The State and the Individual


Books Recommended for Study

Non-Major Elective

First Semester

1. INDEPENDENT INDIA

Unit-I Introduction-Size, Location and Physical Environment.

Unit-II Cultural Patterns, Population Dimension, Rural and Urban India.

Unit-III Basics of Indian Economy-Resources and Life lines of Economy.

Unit-IV Constitution of India-Features, Preamble, Fundamental Rights, Directive Principles of State Policy.

Unit-V Causes of Indian Social Disharmony-Poverty, Illiteracy and Social Backwardness.

2. PEACE STUDIES

Unit-I Peace-Meaning and Definitions.

Unit-II Approaches to Peace-A brief outline.

Unit-III Peace Movements-A brief study.

Unit-IV Peace Building-A brief understanding.

Unit-V Peace Making and Peace Keeping-An overview.

3. HUMAN RIGHTS

Unit-I Introduction-History of Human Rights, Meaning and Principles.

Unit-II List of Human Rights and Abuses.


Unit-V National Human Rights Commission of India-Composition and Functions.
4. CRIMINOLOGY – AN INTRODUCTION

Unit-I Concept of Crime, Classification of Crimes and Characteristics of Crime.


Unit-III Organized Crimes-Introduction, Definition and Different types of Crime Organizations.

Unit-IV White Collar Crime-Definition, White Collar Crimes in India, White Collar Crime in certain Professions.

Unit-V Alcoholism, Drug Addiction and Crime.

SECOND SEMESTER

PAPER III - ART OF WARFARE IN INDIA (Upto 1947)

Unit :1 Warfare in Ancient India: (a) Military System in Vedic, Puranic and Epic ages (b) Alexander’s Invasion of India (c) Rise of Mauryan Empire and its military system (d) Kautilya’s philosophy of war and peace.

Unit :2 Warfare in Medieval India: (a) Arab Conquest of Sind (Battle of Rawar) (b) Ghazni’s invasions(Battle of Somnath) (c) Md.Ghori’s Conquest of India (Battle of Terrain I & II) (d) Foundation of Mughal Empire in India (Battle of Panipat I & II)

Unit :3 Military system of South India (Medieval Period) : (a) Rise of Pallavas and their Military system (b) Chola Imperialism and military system (C) Conquests of Pandya emperors and their military system.

Unit 4: Revival of Hindu Monarchy: (a) Shivaji as a great guerrilla leader (b) Military system of Marathas (c) Rise of Sikhism (d) Military system of Maharaja Ranjit Singh.

Unit 5: Coming of the Europeans: (a) British Conquest of Bengal (b) Anglo- Mysore Wars (c) Rise of Presidency Armies (d) First War of Independence 1857(Causes and Consequences)
Unit 1:
Military system in Ancient Greece: (a) Greek Military Organization, (b) Greeco-Persian War (Battle of Marathon, Salamis), (c) Rise of Alexander’s Empire (Battle of Isus, Arbela)

Unit 2:
Military System in Ancient Rome: (a) Roman Military organization, (b) Rome-Carthage Conflict (Battle of Canne, Zama) (c) Julius Caesar’s Military Campaigns.

Unit 3:
Military System in Medieval Empire: (a) Military Reforms of Gustavus Adolphus (b) French Revolution – Causes and Consequences (c) Napoleon’s art of war (Battle of Trafalgar and Waterloo).

Unit 4:
World War I: (a) Causes (b) Trench and Mobile Warfare, Use of Gas (c) Role of Naval & Air Power (d) Military lessons.

Unit 5:
World War II: (a) Causes (b) Blitzkrieg Tactics, (C) Role of Air Power and Naval Power (d) Military Lessons.
Allied Paper –II : POLITICAL SICENCE: AN INTRODUCTION – II

Unit I  Forms of Government

Unit - II  DEMOCRACY
Democracy – Definition, meaning and principles – Merits and Demerits of Democracy – Conditions for the success of democracy.

Unit III  Organs of Government

Unit IV  Public Opinion, Political Parties and Pressure Groups

Unit V  Election

Books Recommended for Study
2. A. Appadurai : Substance of Politics : Oxford University Press, India.
3. V.D. Mahajan: Modern Governments (New Delhi: S.C. Chand & Co.)
5. Metropolitan Book Co.,
NME for II Semester:-

INTERNATIONAL LAW

Unit-I Introduction-Definition, Meaning and Nature of International Law.
Unit-II Sources of International Law.
Unit-III History and Codification of International Law.
Unit-IV Relation between International Law and Municipal Law.
Unit-V Settlement of International Disputes-Amicable Means.

INTRODUCTORY SOCIOLOGY

Unit-I Sociology-Meaning and Definition, Nature and Scope and Importance.
Unit-II Brief Study of Society, Association, Institution and Organization.
Unit-III The Origin of Society; Nature of Society; Language and Society.
Unit-IV The Meaning of Group; Classification of Groups; Importance of Secondary Group.
Unit-V Social Stratification In India-Meaning of Caste and Class, Difference between Class and Caste; Modern Trends of Caste System in India.

DISASTER MANAGEMENT

Unit-I Introduction-Meaning and Definition.
Unit-II Types of Disasters-Natural and Man-Made.
Unit-III Brief survey of major disasters in Independent India.
Unit-IV Natural Disaster Mitigation in India-Role of Natural Resources Data Management System.
Unit-V National Disaster Management Authority of India-Outline organization and Functions.

AN INTRODUCTION TO THE SECURITY FORCES OF INDIA

Unit-I Introduction, Role of Security and Defence forces in governance and Brief Survey of Higher Defence Organization.
Unit-II Brief Study of Indian NSC-Organization and Functions.
Unit-III Military Forces-Army, Navy, Air Force and Coast Guard.
Unit-IV Para-Military Force-Assam Rifles, ITBP, BSF, CRPF, and NSG.
Unit-V Second Line of Defence-Territorial Army, NCC, Civil Defence and Home Guards
III SEMESTER

Paper V – ELEMENTS OF NATIONAL SECURITY

Unit I.
Introduction (a) Concepts of Nation, State and Nation – State (b) Origin, concept and objectives of National Security.

Unit II
Spectrum of Threats : (a) Definition of Threats & Challenges (b) Security Structure (e) Security Spectrum (d) National Security Paradigm.

Unit III
Instruments of National Security (a) Power (b) National Power (c) Military power and its components.

Unit IV
Mechanics of National Security (a) Threat Perception, Threat Assessment and Threat Analysis (b) Strategic Environment (c) Strategic Doctrine.

Unit V
National Security Analysis Concept, Components and formulation of Security and Defence Policies and their linkages.

Paper VI – INTERNATIONAL RELATIONS

Unit I
Introduction (a) Components of State (b) Theories of the origin of the state.

Unit II
State System and its corollaries (a) Territoriality (b) Nationalism (c) Sovereignty (d) Nationality, (e) National Interests & Ideology.

Unit III
Theories of International Relations (a) Idealist & Realist (b) Integration (c) Behaviouralist.

Unit IV
Basics of Diplomacy, Foreign Policy and Balance of Power.

Unit V
Control of International Relations (a) Collective Security (b) International Law (c) Deterrence.
UNIT – I INTRODUCTION

UNIT – II CONSUMPTION
Wants and their characteristics – Consumer’s equilibrium- Marginal utility analysis and Indifference curve analysis - Consumer’s surplus

UNIT – III PRODUCTION
Factors of production, Law of variable proportions, Laws of returns to scale – Producer’s equilibrium – Expansion Path

UNIT – IV MARKET STRUCTURE
Perfect competition- Monopoly and Monopolistic competition- Oligopoly and Kinked Demand Curve

UNIT – V DISTRIBUTION
IV SEMESTER

Paper VII – MILITARY GEOGRAPHY & GEO - POLITICS

Unit I
Introduction (a) Fundamentals of military geography (Accessibility, Visibility, Location, Distance, Climate etc.,) (b) Role and Importance of Geo – politics (c) Geographic components of National Power.

Unit II
Geo – Political Thought : Theories of Mackinder, Houshofer and A.T. Mahan.

Unit III

Unit IV
Geo – Strategic significance of India : (a) Geographical Location (b) Natural resources, Land mass, Rivers, Minerals & Oil (c) Importance of Andaman, Nicobar & Lakshadeep Islands.

Unit V
India’s Borders (a) Nature and characteristics of land borders (b) Maritime boundaries (c) Concept of Territorial waters and Exclusive Economic Zone.

Paper VIII – INTERNATIONAL ORGANIZATIONS

Unit I
Introduction (a) Evolution of International Organisation (b) Overview of related theories.

Unit II

Unit III
Objectives, Functioning and Evaluation of SAARC, ASEAN and Asian Regional Forum (ARF)

Unit IV
Salient Features of European Union (EU) and Organisation for Security & Coopration in Europe (OSCE).

Unit V
Fundamentals of Organisation of African Unity (OAU) Commonwealth of Independent States (CIS), Organisation of Islamic Conference (OIC), and Organisaiton of American States (OAS).
UNIT - I NATIONAL INCOME


UNIT – II PLANNING AND ECONOMIC DEVELOPMENT

Objectives of Economic planning – Mixed Economy and Economic planning – PURA-A new Gandhian approach to development

UNIT – III PUBLIC FINANCE


UNIT – IV INTERNATIONAL TRADE

Theories of International Trade – Comparative Cost theory, Balance of trade and balance of payments: Disequilibrium corrective methods- WTO-Trade Blocks: Meaning, EU, NAFTA and ASEAN

UNIT – V INTERNATIONAL MONETARY SYSTEM

Functions of IMF and IBRD, the EURO, Meaning of Foreign Exchange- Purchasing Power Parity Theory - FEMA

Study Material

1. AHUJA H. L - PRINCIPLES OF MICRO ECONOMICS
2. AHUJA H. L – MACRO ECONOMICS, Theory & Policy
3. RUDDAR DUTT, SUNDHARAM, K. P. M. – INDIAN ECONOMY
4. Francis Cherunilam, International Business
5. Seth, M. L. MACRO ECONOMICS
7. Sawyer, Sprinkle, International Economics
V SEMESTER

Paper IX – NATIONAL SECURITY OF INDIA

Unit I
Introduction : (a) India’s national values, national security objective (b) India’s Foreign policy goals.

Unit II
Internal Security Threats : (a) poverty (b) Communal harmony (c) Corruption (d) Insurgency in North East.

Unit III
Issues with Pakistan : (a) Jammu & Kashmir (b) Siachen (c) Sir Creek Island(d) Wualler Barrage (e) Terrorism.

Unit IV
Issues with China : (a) Boundary dispute (b) Misperceptions on Tiber (c) Non– recognition of Sikkim.

Unit V
Indian Ocean: (a) Strategic significance (b) India’s interests (c) Power rivalry (militarization).

Paper X – SCIENCE, TECHNOLOGY AND NATIONAL SECURITY

Unit I
Introduction (a) Relevance of science and technology in national security affairs (b) Concept of military, non-military and dual – use technologies.

Unit II
Emergence of new technologies during industrial revolution and their effects (a) IC Engine, (b) Electricity (c) Radio (d) Radar.

Unit III
Areas of military research upto World War II (a) Energy Technologies (b) Atomic science, (c) Oceanography (d) Electronics.

Unit IV
Technologies since World War II : (a) Information Technology (b) Bio – Technology (c) Artificial Intelligence (d) Stealth Technology.

Unit V
Science and Technology base of India : Brief Survey.
Paper XI – BASICS OF DEFENCE ECONOMICS

Unit I
Introduction: (a) Definition of Economics and Defence Economics (b) Economic System: kinds, features, merits & demerits (c) Defence & Development debate.

Unit II
Defence Budget: (i) Concepts of Finance, Revenue, Expenditure, process of Budget, National Income & Gross National Product (b) Analysis of India’s Defence Budget.

Unit III
Defence Planning: (a) Parameters of Defence Planning (b) Use of Systems Analysis (c) Cost – effectiveness in selection of weapon systems.

Unit IV
Defence Production: (a) Assessment & Calculation of Defence requirements (b) Role of Ordnance Factories and Public & Private sector undertakings (c) Contribution of DRDO.

Unit V
Effects of War on Economy: (a) Inflation (b) Balance of Payments (c) Mobilization of Resources.

Paper XII – DEFENCE MECHANISM OF INDIA

Unit I
Introduction: (a) Defence as a primary function of a nation-state, (b) Higher Defence Organization of India (c) Power of President in relation to Armed Forces, (d) Composition and Functioning of Defence Committee during war and peace, (e) Organization & Function of Ministry of Defence (f) Chief of Staff and Joint Service Organizations.

Unit II
Field & Static organizations of Indian Army, India Air Force and Indian Navy (b) Role and Functions of Para Military Forces.

Unit III
Organization & Function of various Indian Intelligence Agencies.

Unit IV
Diagrammatic study of higher Defence Organizations of USA, Russia, China and Pakistan.

Unit V
Recruitment Organizations: System and methods of recruitment in Army, Navy and Air Force at all levels.
ELECTIVE – I  FUNDAMENTALS OF DEFENCE JOURNALISM

Unit I  Introduction (a) Defence Journalism : Meaning, relevance & scope (b) News Organizaiton Structure and functioning (c) Media : concept, kind and characteristics.

Unit II  Defence News : (a) Purpose and meaning (b) Kinds and sources (c) Theories of news selection.

Unit III  Reporting Defence Stories : (a) Format, Language & Grammar (b) Kinds : Eye Witness. Computer assisted, Features (c) Concepts of Graphics & animation (d) Interviewing skills.

Unit IV  Editing : (a) Abbreviations and definition of military terms (b) Proof – reading symbols (c) Caption writing and picture editing.

Unit V  Hurdles in Defence writing : (a) Media Ethics (b) Media Laws (c) Military vs. Media debate (d) News Photography.

VI SEMESTER

Paper XIII –ELEMENTARY STRATEGIC THOUGHT

Unit I  Introduction : (a) Concept and components of strategic thought (b) Contributions of Kautilya (Philosophy of War). Gandhi (Non – Violence) and Nehru (Non – Alignment).

Unit II  18th Century thinkers : (a) Jomini : Concept of Mass army, Strategy, Tactics and Logistics (b) Clausewitz. : War and its relationship with Politics.

Unit III  Thinkers upto World War I: (a) Karl Marx, military concept of social revolution (b) Dupicq & Foch.

Unit IV  Strategic thoughts between two World wars, (a) Liddell Hart : Total War, Deterrence & British concept of Warfare (b) A.T. Mahan : Theory of Sea Power (c) Douhet, Mitchell & Servesky: Theories of Air warfare.

Unit V  Thinkers after World War II, (a) Mao & Che Guevara Guemilla Warfare.
**Paper XIV – INDIAN MILITARY OPERATIONS (Since 1947)**

**Unit I**

**Unit II**
Operation in Kashmir – 1947 – 48 (a) Events leading to annexation (b) Operations of Indian Army (c) Military lessons.

**Unit III**
Chinese invasion of India – 1962; (a) Causes of War (b) Important Operations of War (c) Military Re – organization.

**Unit IV**

**Unit V**
Internal Security Operations: (a) Operation Blue Star – 1984 (b) Operation Rhino (Northeast Region) (c) Operation Vijay.

**Paper XV – NUCLEAR STRATEGY AND ARMS CONTROL**

**Unit I**
Introduction (a) The evolution of the nuclear era since 1945 (b) Basics of nuclear technology, nuclear energy & effects of nuclear explosion.

**Unit II**
Development of missiles (a) Classifications and characteristics, (b) Brief study of theories of nuclear warfare: Preventive war, Pre – emptive Attack, Massive Retaliation, Counter force, Flexible Response, MAD & MAS.

**Unit III**
Elementary study: of Treaties: (a) Nuclear – weapon Treaties, (PTBT, TBT, PNET & CTBT) (b) Nuclear arms Limitation Treaties (ABMT, SALT, INF, START) (c) Nuclear – Weapon proliferation Treaties (NTP, MTCR).

**Unit IV**
(a) Conventions of (a) Chemical & Biological Weapons (b) Prevention of Accidental Wars.

**Unit V**
(b) India’s contribution in the process of arms control.

**ELECTIVE – II WORLD CONFLICTS SINCE WORLD WAR II**

**Unit I**

**Unit II**

**Unit III**

**Unit IV**
Latin America (a) Cuban Missile Crisis 1962 (b) Grenada Crisis 1983.

**Unit V**
Africa: Nigerian Civil war.
### ELECTIVE – III PRINCIPLES OF DEFENCE MANAGEMENT

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<th>Unit</th>
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<tr>
<td><strong>Unit I</strong></td>
<td>Introduction (a) Definition of administration and management (b) Principles and process of defence management.</td>
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<td><strong>Unit II</strong></td>
<td>Planning (a) Definition and features (b) Steps in planning (c) Management by objectives (d) Decision Making process and techniques.</td>
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<tr>
<td><strong>Unit III</strong></td>
<td>Organizing (a) Structure, function and characteristics of military organizations.</td>
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<td><strong>Unit IV</strong></td>
<td>Staffing (a) Sources of Manpower supply (b) Selection tests for officers and other ranks.</td>
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<tr>
<td><strong>Unit V</strong></td>
<td>Directing and Controlling (a) Military leadership (b) Parameters of morale and motivation (c) Control techniques</td>
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