

Vidyasagar University

Curriculum for B. Sc (General) in Defence Studies

[Choice Based Credit System]

Semester-III

| Course | Course Code | Name of the Subjects | Course Type/ Nature | Teaching Scheme in hour per week | | | Credit | Marks |
|-----------------------|-------------|--|-----------------------------|-------------------------------------|---|---|-----------|------------|
| | | | | L | T | P | | |
| DSC-1C | | DSC1CT: Defence Mechanism of India and Military Geography DSC1CP: Practical | Core Course | 4 | 0 | 4 | 6 | 75 |
| DSC-2C | TBD | DSC-2C (Other Discipline) | Core Course | | | | 6 | 75 |
| DSC-3C | TBD | DSC-3C (Other Discipline) | Core Course | | | | 6 | 75 |
| SEC-1 | | SEC-1: Defence Management Or Basics of Defence Journalism Or Consumer Protection Rights | Skill Enhancement Course -1 | 1 | 1 | 0 | 2 | 50 |
| Semester Total | | | | | | | 20 | 275 |

L=Lecture, **T**=Tutorial, **P**=Practical, **CC** = Core Course, **TBD** = To be decided,

DSC-1 = Discipline Specific Core of Subject-1, **DSC-2** = Discipline Specific Core of Subject-2,

DSC-3 = Discipline Specific Core of Subject-3. **SEC** - Skill Enhancement Course.

Semester-III
Core Course (CC)

DSC-1C (CC-3): Defence Mechanism of India and Military Geography

Credits 06

DSC1CT: Defence Mechanism of India and Military Geography

Credits 04

Course Contents:

A: National Security Organisation

National policy- Definition and objectives. National Defense Policy - Policy and Methods – National Defense policy of Post – independent India. Public information, Publicity, and propaganda. Role of Intelligence. National Security System including NSG

B. Defence Mechanism of India:

a) Organisation and administration - Ministry of Defence : Higher Defence Organizations of India - Power of the President of India in relation of Defence. Role and function of Ministry of Defence. Composition and function of Defence Committees. Chief of Staff and joint service Organization

b) The Indian Defence Forces: Recruitment methods for Defence services. Important training institution of the three services. **Second line of Defenses:** Armed Force of the Union, - History, formation, Division, function. Paramilitary Forces: Indian Coast Guard, Assam Rifles, Special Frontier Forces. Central Armed Police Forces: CRPF, BSF, ITBP, SSB, and CISF. Other Forces: NSG, SPG, RPF. Special Forces: Para Special Force [Para (SF)], Ghatak Force, marine Commando (MARCOS), Garud Commando Force. National Cadet Corps (NCC). Territorial Army

c) Organisation and administration of Defence forces – Army, Navy and Air Force.

Functional Organisation of Indian Army : **(1) Army :** Organization of army Headquarters - Static and Field formation- infantry and Armoured Corps – Arms and Services - Artillery – Air Defence, Engineers, Signals and Military aviation – Role of ASC, EME, AMC and Engineers in Logistic management- Role of intelligence, education , legal. Weapons of Indian Army. **(2) Air Force Organization of India :** Organization of Air Force Headquarters. Static and Field formation of Indian Air Force. Types of Aircrafts. **(3) Navy Organization of India :** Organization of Naval Headquarters . Static and Field formation of Indian Navy. Types of Warships.

d) Rank Structure of the Three Services : Army, Navy and Air Force.

C: Defence Pacts and Agreements: Pacts and Treaties – Concepts and Scope. NATO, WARSAW, CENTO, SEATO, Tashkhand treaty and Panchsheel. SAARC – economic and social Cooperation. Non-Aligned Movements (NAM). Role of SAARC and NAM in establishing world peace. India's relation with other Powers – USA, Russia, UK, France, China, India & Israel, India & BRICKS, India &

Afganistan. Disarmaments – NPT, Civil Nuclear Agreements, Future Nuclear Cooperation, Pokhran I & II.

D: Military Geography:

Introduction: Meaning, nature, scope and elements of Military Geography. Role of geography in military application. Military Geography in India and defense problem. Role of geography in different warfare. Communication routes- land, sea and aerial- strategic scope. Population and Power.

Evolution of Military Geography: a) History & Development. b) Founders of Military Geography - F. Ratzel,, A.T. Mahan, Sir. Halfred Mackinder, Karl Haushofer, N.J. Spykman.

Applied Military Geography: Brief idea and application of a) Global Positioning System (GPS) b) Global Information System (GIS) c) Remote Sensing.

E: Map Reading

Theoretical aspects of Map Reading: Definition of Map, Introduction to types of Maps, Civil and Military Map, Conventional Signs. Scales & Grid System. Topographical forms and technical terms. Basic knowledge of Relief, Contours and Gradients. Cardinal points and Types of North. Types of bearings and use of Service Protractor. Prismatic compass and its use. Setting of a Map.

DSC1CP: Practical

Credits 02

A. Map Reading:

1. Map – civil and military.
2. Topographical sheet
3. Preparation of index to sheet.
4. Determination and construction of different types of scales.
5. Conventional sign – civil and military
6. Map reference: Latitude and Longitude. Four and Six figure reference. Use of Romer.
7. Compass and its use.
8. Service protector and its use.
9. Bearing & conversion of bearing.
10. Field sketching, eye and memory sketching.
11. Location and identification of objects from ground to map and vice-versa.
12. Relief and its representation.
13. Contour line and their uses.
14. Determination of Gradients.
15. Determination of intra-visibility – contour, Gradient and Proportion methods.
16. Preparation of night march chart.
17. Preparation of weather chart.
18. Determination of visibility of survey maps of hilly region by comparing gradients and section drawing methods.

B. Sketching of different strategically information on maps of the world and India:

ASEAN, European Union, G-14 and G-15. NATO, NAM Countries, Nuclear Nations of the world, SAARC and UNO Countries. Nuclear power station of India, Border Roads of India.

C. Field visit report

Field visit to the installation of military significance so as to enable the students to understand the ground realities. Based on the field study the students have to prepare their respective tour reports and the candidate would be examined at the time of practical examination of the subjects.

D. Laboratory Note Books

Students will be required to maintain records of all works done in connection with the topics taught in this paper.

Skill Enhancement Course (SEC)

SEC-1: Defence Management

Credits 02

SEC1T: Defence Management

Suggested Reading:

Unit – I:

Principles of Management: motivation, communication, decision - making process; Leadership. Defence Management: Definition, Scope.

Unit – II:

Defence organization – nature and structure - Line and staff organization, Pyramid hierarchy in Army, Navy and Air Force.

Unit – III:

Personnel Management – Staffing: Recruitment and Training.

Unit – IV:

System Analysis – Qualitative management and evaluation of Defence Forces.

Unit – V:

Cost Effectiveness – Force Level, Production and procurements of weapons systems and Research & Development.

Or

SEC-1: Basics of Defence Journalism

Credits 02

SEC1T: Basics of Defence Journalism

Course Contents:

Unit -II:

Introduction: Definition, nature and scope of Journalism - Qualifications, Duties and Responsibilities of Journalists - Journalism as a profession - Media and Society.

Characteristics of Mass Media: Newspaper, Magazine, Radio, TV, Cinema.

Defence Journalism: its features, Differences between Civil and Defence Journalism. Defence Writing : need . Defence Journalism – Profession. Journalistic writing, characteristics and types - news, features, articles, editorials, columns, letters to the editors & review. Code of ethics for media - brief introduction to recent trends in mass media; Cultural imperialism, Infotainment, media activism, agenda setting, gate keeping.

Unit-II:

Defence News: a) Meaning and Defining Defence News, b) Kinds of sources of Defence News, c) Defence Writing Procedure.

Unit-III:

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-IV:

Defence Terminology: a) Defence terms & abbreviations, b) Military terms – weapons, weapons system, c) Defence organization – Rank and Rank structure in the services in India. Structure of the Defence establishments in India.

Unit-V:

Problem in Defence writing : a) Media Ethics, b) Media Laws , c) Problem in Defence writing- Political pressure, Official secrecy, etc. d) Introducing existing Defence Journals Sainik, Samachar, Trishul, Strategic digest ,Strategic analysis, etc.

Or

SEC-1: Consumer Protection Rights

Credits 02

SEC1T: Consumer Protection Rights

Course Contents:

Unit-I: Consumer and Consumerism: Basic concepts.

Unit-II: Consumer Protection: International Scenario - Consumer Protection India - Consumer Protection Act- Consumer Forums.

Unit-III: Adulteration and Consumer, Environment and Consumer, Insurance and Consumer.

Unit-IV: Misleading Advertisement and Consumer, Defective Goods and Services and Consumer, Cosmetics and Consumer.

Unit-V: Consumer Movement in India.