

DSC 4

Information Systems and Programmes

60 Hours
(45hrs Lect. + 15hrs Tut.)

Course Title & Code	Credits	Credit Distribution of the Course			Eligibility Criteria	Pre-Requisite of the Course (if any)
		Lecture	Tutorial	Practical/ Practice		
DSC 4: Information Systems and Programmes	4	3	1	0	BLISc	-

Course Objectives

This course examines the structure and function of local, national, and global information systems. Students will analyze information policies, explore international programs like UNESCO and INIS, and study the collaborative role of resource sharing, library networks, and consortia in modern information dissemination.

Learning Outcomes

After completing this course, students will be able to:

- ☞ Explain the concepts, types, and characteristics of information systems and organizations.
- ☞ Analyze various information products and their role in information dissemination.
- ☞ Examine the need, structure, and formulation of information policy and national information systems.
- ☞ Evaluate the role of national and international information systems and organizations.

UNIT I: Information Systems and Organizations 10 Hours

- ☞ Information Systems: Concepts, Types, and Characteristics
- ☞ Information Organizations: Definition, Objectives, Types, and Functions
- ☞ Information Products: Definition, Objectives, Types, and Use
- ☞ Library and Information Services: Definition, Types, and Use

UNIT II: Information Policy and National System of Information Services 11 Hours

- ☞ Information Policy: Need, Purpose, and Process
- ☞ National System of Information Services: Planning, Design, and Structure
- ☞ National Information Systems

UNIT III: Global Information Systems 12 Hours

- ☞ IFLA and UNESCO: Contribution, Programmes, and Activities
- ☞ UNISIST, INSPEC, and INIS
- ☞ AGRIS, MEDLARS/MEDLINE, and INFOTERRA

UNIT IV: Resource Sharing, Library Networks, and Consortia 12 Hours

- ☞ Resource Sharing: Concept, Need, Purpose, and Areas
- ☞ Library Networks: Concept, Need, Purpose, and Types
- ☞ Library Networks: DELNET, INFLIBNET, National Knowledge Network
- ☞ Library Consortia: ONOS, CSIR-National Knowledge Resource Consortium

Essential Readings

- ☞ ATHERTON (P). Handbook for information systems and services. Paris, UNESCO. 1997.
- ☞ BHATT (RK). Information systems. Delhi, Pragati Publications. 2009.
- ☞ BOURGEOIS (DT) and others. Information systems for business and beyond. Saylor Foundation. 2014.

Suggested Readings

- ☞ BURCH (JG) and GRUDNITSKI (G). Information systems: Theory and practice. Singapore, Wiley. 1986.
- ☞ JAEGER (PT) and others. Foundations of information policy. Chicago, ALA Neal-Schuman. 2019.
- ☞ ROWLEY (J). The basics of information systems. London, Library Association. 1996.