

Course Code: P24MLS7A

Course Name- 2.2 (A): INFORMATION SYSTEMS AND SERVICES

Credit Distribution			Total Credits	Internal Marks	Semester Marks	Total Marks
L	T	P	L+T+P	C1	C2	C3
5	-	-	5	25	75	100

Objectives:

1. To help the students learn the various information systems and their functioning.
2. To train the students on various Library and Information services in different library environments.
3. To give exposure to Online research information systems in various subjects
4. To make aware on existing National Information Systems

A. Course Outcome (CO)

After completion of the course, students will become familiar with the basic concepts in Library & Information Science.

COs	Course Outcome	Level	Level
CO 1	Understand the concept, characteristics and components of information systems	Understand	K2
CO 2	Examine the various aspects and formulate of Information services.	Apply	K3
CO 3	Illustrate the Digital Library Services	Analyze	K4
CO 4	explain the functions of national and international information systems and Networks and delineate the information services	Evaluate	K5
CO 5	Understand the concept of library resource sharing and consortia	Understand	K2

B. Syllabus

Unit-I

Information System: Concept, purpose, types and levels. Components of Information System: Regional, National and International. Human Library, Community Library Services

Unit-II

Information Services; Reference Service: concept and definition; Information Alert, News Clippings, CAS, SDI, Abstracting and Indexing Services. Document Delivery Service, Translation Service, Referral Service.

Unit-III

Digital Information Services; Institutional Repository in India; ROAR, DOAR, SHARPA-ROMIO; Web OPAC, EDDS ,Citation and Indexing Services; Digital Reference Services.

Unit-IV

Global Information System: INIS, AGRIS,INSPEC,MEDLARS, BIOSIS, ERIC, Patent Information System (PIS), Biotechnology Information System (BIS).National Information Systems; NIScPR), DESIDOC, SENDOC, ENVIS, PIS INFLIBNET, DELNET, NICNET, ERNET, ERIC, National Knowledge Network(NKN),Biotechnology Information System Network

Unit– V

Library Consortia: National and International- Importance and Objectives; Resource Sharing and Library Networks: National –INFLIBNET: E-Shodhsindhu Shodhganga, DELNET and International- OCLC,RLG, JANET, CALIS,SENDOC.

Unit-VI CURRENT CONTOURS (For Continuous Internal Assessment Only):

Recent Trends and case study activities on Documentation services- J-gate- Indian science Abstract- Dissertation Abstract-Mail forum-Online Information Display-Display through Library Websites.

Selected Readings:

1. Atherton, P. Handbook of Information Systems and Services,1977.
2. Burch,J.C. and Stretov,F.R. Information Systems: Theory andPractice,1974.
3. Choudhary,G.G. and Choudhary,S. Searching CD-ROM and online information sources,2001
4. Colin,H.Ed. Management Information Systems in Libraries and Information Services. London: Tayler Graham, 1989.
5. Guha, B.(1983).Documentation and Information: Services, techniques and systems. Calcutta: World Press.
6. Gurdev Singh Information Sources Services and Systems PHI, NewDelhi,2013
7. Kochtanek, Thomas R. and Mathews, Joseph R. Library and Information Systems: From Library automation to distributed information access solutions. West port: Libraries unlimited, 2004.
8. Krishan Kumar(1990).Reference service. New Delhi, Vikas.
9. Neelameghan A. and Prasad, K.N. Eds. (2005).Information systems and services in India. Bangalore: SRELS.
10. Prashant Kaushik Library Information Services and Systems An mol Publisher, New Delhi, 2006,
11. Sewa Singh. Handbook of International sources on reference and information, 2001
12. Sherman,C. and Price,G. The invisible web: uncovering Information Sources Search engines can't see.2001
13. SunithaAsija(1998).Documentation services in India: A review of some selected documentation centres.New Delhi: Academic Publications.
14. U.S.Jadhav and Suresh Jange Library and Information Sources and Services Regency Publications A Divison of Astral International(P) Ltd. New Delhi,2013.

C. Mapping of COs with POs & PSOs

Mapping with Programme Outcomes										
COs	Programme Outcomes					Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	1	2	3	3	3	3	3	3
CO2	3	3	2	2	3	3	3	3	3	3
CO3	3	2	2	3	3	3	3	3	3	3
CO4	3	2	3	2	3	3	3	3	3	3
CO5	3	3	3	2	3	3	3	3	3	3