LIS14303CR INFORMATION SYSTEMS & SERVICES

(4 Credits)

Credit Pattern

Lecture	Tutorial	Practical	Total
3	1	0	4

Objectives:

- To acquaint with reference and Information services, systems and their utility and significance.

- To understand various types of users, their information needs and seeking pattern etc.

Unit I

1.1   Information Systems: Basic Concept, objectives and Functions.

1.2   Components of Information System

1.3   Historical Development of information systems.

1.4   Information policies and programmes. Planning, Design and Evaluation of Information systems.

Unit II

2.1   Study of International Information Systems and their programs

2.1.1 INIS: Features and Functions

2.1.2 AGRIS: Features and Functions

2.1.3 MEDLARS/MEDLINE: Features and Functions

2.2   Study of National Information Systems and their Programs

2.2.1   NISCAIR with reference to information services

2.2.2   INFLIBNET

2.2.3   DELNET

2.2.4   ENVIS

Unit IV

3.1   Reference & Information Service: Concept, Need and Development.

3.2   Online Reference & Information Service: Concept and techniques.

3.3   Search strategy in Reference and information Services.

3.4   Reference librarian: Role, Skills and Competencies.

Unit III

    4.1   Anticipatory Services

        3.1.1   Current Awareness service

        3.1.2   SDI

    4.2   New & Emerging Techniques in CAS

    4.3   Expert Systems in Reference & information Services.

    4.4   Case Study of Different virtual Reference &Information Networks

Suggested Readings

Bell, Simon. (1996).*Learning with information systems: Learning Cycles in Information Systems Development*. London: Rutledge.

Bopp, Richard. E., &Smith, Linda.(1974). *Reference and Information Services: An Introduction 3rd Ed.).*Colo: Libraries Unlimited.

Davinson, Donald. (1980).*Reference Service*.London: Clive Bengely.

Grogan, Dennis. (1992).*Practical Reference Work.*London: Library Association.

Katz, Bill. (1991).*Reference and Information Services: A Reader for the Nineties*. Metuchen: Scarecrow Press.

Katz, William. (1982*).Introduction to reference work: Basic information Sources. (4th Ed.)(3v).*New York: McGraw Hill.

Katz, William. A. (1978*). Introduction to reference work: Reference services And reference process.* NewYork: McGraw Hill*.*

Khanna, J.K. (2000).*Documentation and Information Services, Systems and Techniques*.Agra:Y.K Publishers.

Krishan Kumar. (1980).*Reference Services*. New Delhi: Vikas Publishing.

Mukherji, A.K. (1975)*.Reference Work and its Tools. (3rd Rev .Ed.).Calcutta: World*

Neelameghan A. and Prasad, K.N. Eds. (2005).Information systems and services in India.Bangalore: SRELS.

Websites (Illustrative):

INFLIBNET.(2007). Available at

    http://www.inflibnet.ac.in/

DELNET .(2007). Available at

http://delnet.nic.in/

CALIBNET.(2007). Available at

       http://www.calibnet.in/

NASCAIR.(2007). Available at

       http://www.niscair.res.in/

FAO.(2007). Available at

       http://www.fao.org/Agris/