

BLC 103 - Information Processing and Retrieval - I: Classification

(3 Credits / 75 Marks)

Unit -1

- Classification – Meaning, Definition.
- Library Classification – Definitions, Need, Purpose and Functions. Understanding the developments in theory of Library Classification. Study of the contributions of E.C. Richardson, H.E. Bliss, W.C. Berwick Sayer, J.D. Brown, E.W. Hulme, CRG, and S.R. Ranganathan.
- Types of Classification schemes. Understanding the concept of and schemes in Knowledge Classification. Knowledge Classification vs. Library Classification. Understanding the Knowledge Classification Systems such as Vedic Classification, Greek Classification. General theory of Library Classification. 15 Hours

Unit-2

- Normative Principles of Classification, Three planes of work. Canons, Principles and Postulates. Devices, Mnemonics. Five fundamental categories and Notation.
- Universe of subjects – Concept, Definition, Structure, and Attributes of subjects. Spiral of Scientific Method; Modes of Formation of Subjects, Different types of subjects. Universe of Knowledge as mapped in different schemes of Classification. Call number and its structure. 10 Hours

Unit 3

- Fundamental categories: Facet analysis and facet sequence, Phase relations, Common Isolates.
- Notational system: Meaning, need, functions and types, mnemonics, Hospitality in array and chain, Devices.
- Classification schemes: Standard schemes of Classifications and their features: CC, DDC, and UDC.
- Classification Research Group (CRG).
- Design and development of schemes of Library Classification. 10 Hours

Unit 4

- Trends in Library Classification, Thesaurofacet, Classaurus, Automatic Classification, Classification in online systems, Web Dewey.
- Knowledge Organisation Systems: Concepts. Facet Ontologies, Folksanonomies, OWL, SKOS.

Selected Readings:

1. Berwick Sayers, W.C.(1950). Introduction to Library Classification. London: Andra dautch.
2. Chernyi, A.I.(1973). Introduction to Information retrieval theory. London: ASLIB.
3. Dhyani, P.(1998). Library Classification: Theory and practice. New Delhi: Vishwa Prakashan.
4. Jennifer, E. R.(1987). Organising knowledge: An introduction to Information retrieval. Aldershot: Gower.
5. Krishan Kumar (1980). Theory of Library Classification, 2 Ed. New Delhi: Vikas.