

BLC – 206 Digital Information Management (4 Credits / 100 Marks)

- Notion and Nature of Information: Data, Information, Knowledge and Wisdom. Information Life Cycle. Information explosion in modern world and need for Information organization.
- Introduction to digital Libraries. Electronic documents - Files and file formats. Electronic Publishing and scholarly communication, Web 2.0 concepts and applications – Wikis, RSS, Blogs, Social book marking, Tags, Folksonomy, Meshups, Social Networking.
- 20 Hours

Unit 2

- Search through general Search Engines, Search engines for scholarly literature, Meta Search Engines, Web Indexes, Advanced Search Techniques –Keyword search, Boolean operators, Proximity search, Phrase search, Field searching, concept searching, Wild Card search , Truncation, Searching of databases, Catalogues etc.
- Tools of Internet search: Local search. Vertical search. Search engine optimization. Search oriented architecture. Selection-based search. Social search. Document retrieval. Text mining. Web crawler. Multi search. Federated search. Search aggregator. Index/Web Indexing. Focused crawler. Spider trap. Robots exclusion standard. Distributed web crawling. Web archiving. Website mirroring software. Web search query. Voice search. Natural language search engines. Web query Classification. Image search. Video search engine. Semantic search.
- 20 Hours

Unit 3

- Protocols and standards: Z39.50. Search/Retrieve Web Service. Search/Retrieve via URL. OpenSearch. Representational State Transfer. Website Parse Template. Wide Area Information Servers. OAI/PMH.
- Practical component: Searching of databases, Catalogues. Searching in general search engines and meta search engines. Studying the searching features of the search engines. Searching Proquest, Pubmed, Emerald, EBSCO, JCCC.
- 20 Hours

Selected Readings:

1. Alan S. P and Sarah S O. (2009). Technical writing 101: A real-world guide to planning and writing technical content. London: Scriptorium Publishing Services.
2. Chowdhury, G.G. and Chowdhury, Sudatta (2000). Searching CD-ROM and online

Information sources. London: Library Association.

3. Chowdhury, G.G. and Chowdhury, Sudatta (2002). Introduction to digital Libraries. London: Facet publishing.
4. Chowdhury, G G. (1999). Introduction to modern Information retrieval. London: Library Association.