

Paper No – 10 Subject analysis and Information retrieval

Unit No.	Topic Name	Content	Hrs.	Marks	Credit
.1	Information Analysis and Products	<ul style="list-style-type: none"> • Development of Indexing Concept • Type of Indexing, Need, Purpose, Characteristics, Type. • Vocabulary control-Semantics, Syntactic: Classification Schemes DDC, CC, UDC.; Subject heading LCSH, SLSH; Treasurus. 			
2	Indexing systems and techniques.	<ul style="list-style-type: none"> • Intellectual organization of information. • Purpose, Process and Problems of Indexing. • Indexing criteria and policy. Exhaustive and specificity. • Derived and assigned indexing system. • Pre & Post Coordinate Indexing Systems-Chain Indexing, POPSI, PRECIS. • Automatic Indexing System-KWIC, KWOC. • Non conventional indexing-citation indexing, web Indexing. 			
3	Information Storage & Retrieval System.	<ul style="list-style-type: none"> • Quality control in indexing • Storage: Bibliographic description and standards for bibliographic record format ISBD FRBR. • Online retrieval system. • Metadata: MARC-21-856, Field, Dublin core, TEI, METS. • Information retrieval systems: need, objectives, types and components. 			
4	Information Retrieval Process and techniques.	<ul style="list-style-type: none"> • IRS: purpose, function and features. • OPAC-Electronic database (online and CD-ROMs). • E-Journals, Digital libraries, Web resources. • Intelligent Information Retrieval Systems, Artificial Intelligence. • Expert system Systems-components, Knowledge representation, Knowledge engineering. • AI decision supportive system(DSS). • Information Retrieval Models. 			

Reference Books

1. Library Indexing and \ Abstracting – Paliwal P. K.
2. Information Consolidation and Repackaging-Seetharama
3. Library Organization Retrieval-Kunar Krishan
4. Principal of iNformation Retrieval-Paliwal P.K.
5. Abstracting Practice in Libraries – Srishna Shyama
6. Information Needs and Information Seeking Behavior-V.G.Choukhande
7. Library Information System-S.P.Singh
8. Libary Indexing and Abstracting T.C. Mohanti
9. The Future of Libraries-Sunil kumar
10. Advance Indexing & Abstracting Practice-Riaz
11. Subject approach to information. Ed.5, London; library association.

Gujarati Reference Books

૧. માહિતી પ્રક્રિયા અને પધ્ધતિઓ-ડૉ. શિવદાનભાઈ ચારણ
૨. નિદેશીકરણ-કિરીટ ભાવસાર
૩. નિર્દેશીકરણ-શ્રી ચંપકભાઈ આર. પટેલ