**Paper Code: SLP 2.6 - OE: Information Management in Speech, Language and Hearing**

Unit 1: Information Resources in Speech, Language and Hearing (15 hrs)

1.1 Overview of Traditional Information Resources Pertaining to Speech, Language and Hearing

* Primary
* Secondary
* Tertiary

1.2 Types and Characteristics of Electronic Information Sources

* E-Books
* E-Journals
* Online Digital Research Repository
* Subject Gateways and Portals
* Bibliographic and Full Text Databases

1.3 Evaluation Of Information Resources Using Various Criteria-

* Timeliness
* Authenticity
* Reliability

Unit 2: Search Strategies and Techniques for Information (15 hrs)

* 1. Basic Searching and Advanced Searching Techniques
  2. Search Strategy
* Search formulation
* Search statement
  1. Search Techniques
* Boolean Logic
* Truncation
* Weighted term logic
  1. Search Tools
* Subject Indices
* Search Directories
* General Search Engines
* Meta Search Engines
  1. Vocabulary Control tool –Thesaurus

Unit 3: Information Communication and Management (15 hrs)

* 1. Basics of Academic Writing
  2. Introduction to Style Guides
* APA Manual
* Chicago Manual
* MLA Style Guide
  1. Scientific Publication Life Cycle
  2. Bibliographic Management using Software
* Zotero
* Mendeley
* Endnote
  1. Creation and Sharing of Information
* Need for sharing research information
* Creation and sharing of information using Social Media tools such as blogs and wikis
* Author Identifiers: Open Researcher and Contributor ID (ORCID), Researcher ID
  1. Tools for Updating Information
* RSS Feeds
* E-Alert Service
  1. Digital Object Identifier (DOI)

Unit 4: Measuring Scientific Productivity (15 hrs)

* 1. Tools and Techniques
* Impact Factor
* Scimago Journal Ranking (SJR)
* Source Normalized Impact per Paper (SNIP)
* h-index
* Immediacy index
  1. Citation Databases
* Web of Science
* Google Scholar
* Scopus
  1. Ethical and Legal Issues in Publication
* Concept of Academic Integrity
* Plagiarism – Basics, Tools for plagiarism Checking
* Basics of Intellectual Property Right
* Copyright Laws
  1. Research Ethics- International Guidelines and Standards