Open Elective

on

**Speech and Hearing Information Management**

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|  | **Proposed** |
| 1. | **Objectives**   1. To facilitate effective utililization of speech & hearing information resources 2. To enable critical evaluation of information resources 3. To develop lifelong information literacy skills 4. To facilitate production of better assignments and quality research reports 5. To make aware of legal and ethical issues in using information 6. To make aware of scholarly metrics , tools and techniques |
|  | **Course Content**  **Unit 1: Speech and Hearing Information Resources**   1. Overview of traditional information resources pertaining to speech and Hearing  * Primary, * Secondary * Tertiary  1. Types and Characteristics of Electronic Information Sources   E-books  E-Journals  Online Digital Research Repository  Subject Gateways and Portals  Bibliographic and Fulltext Databases   1. Evaluation of Information Resources Using various Criteria |
|  | **Unit 2: Information Search Strategies and Techniques**   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**   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  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. Keeping Current with Information  * RSS Feeds * E-Alert Service * Digital Object Identifier (DOI) |
|  | **Unit 4: Measuring Scientific Productivity**   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 |
|  | **Unit 5: Ethical and Legal Issues**   1. Concept of Academic Integrity 2. Plagiarism  * Basics * Tools for plagiarism Checking  1. Basics of Intellectual Property Right 2. Copyright Laws 3. Research Ethics  * Basics * International Guideline and Standards |
|  | **Practicum** |
|  | 1. Database searching on topics on communication disorders using PUBMED , COMDISDOME and Google Scholar databases 2. Managing digital information resources on communication disorders using Zotero and Mendeley software 3. APA Style Referencing of various types of information sources 4. Creation of personal profiles using free online tools like Word Press |
|  | **References**   1. Ahuja, V.K. (2010). Law Related to Intellectual Property Rights:Lexis Nexis. 2. Croft, Bruce., Metzler, Donald., Strohman, Trevor.(2009). Search Engines: Information Retrieval in Practice. Pearson 3. Gonzalez-Brambila, Claudia(2011). Exploring Academic Scientific Productivity. VDM Verlag. 4. Hersh, W. (2010). Information Retrieval: A Health and Biomedical Perspective (Health Informatics. New York : Springer. 5. Huber, J. T., & Swogger, S. (2014). Introduction to Reference Sources in the Health Sciences, Sixth Edition (Medical Library Association Guides). Chicago: Amer Library Assn Editions. 6. Notess, Greg R. (2006).Teaching Web Search Skills: Techniques and Strategies of Top Trainers. Information Today, Inc. 7. American Psychological Association. (2015).Publication Manual of the American Psychological Association, Sixth Edition. 8. Teaching Web Search Skills: Techniques and Strategies of Top Trainers eBook: Greg R. Notess: (2015). 9. Thompson, Laurie L., Tobia, Rajia., Higa, Mori Lou., Carrigan, Esther. (2011). The Medical Library Association's Master Guide to Authoritative Information Resources in the Health Sciences (Medical Library Association Guides) New York : Neal-Schuman Publishers, Inc. |