

Detailed Syllabus of MLIS

Semester-1

Paper – M101

Information and Communication

Unit:-1 Information, characteristics, Nature value and use of information, Conceptual difference between data, Information and Knowledge, communication of Information, Information generation communication channels, Modes and barriers, Trends in scientific communication

Unit: -2 Information Science:

Definition, Scope and objectives, information service as a discipline and its relationship with other subjects.

Unit: -3 Library, Information Society:

Genesis and Characteristics and implications of information society changing role of Library and information centre's in society, information industry generators, providers and intermediaries, intellectual property Act, Rise to information Acts, Concepts of freedom, censorship, policies relating to information, right to information including science and technology, International and National Programmers and Policies (NAPLIS) , UAP and UBC.

Unit: -4 Economics of information:

Unit: -5 Information Management & Knowledge management

Paper-M 102

Information Analysis, Repackaging and Consolidation

Unit: -1

Abstracting

Abstracting, Type and guide lines in preparing Abstracts.

Unit: -2

Repackaging and consolidation:

Content analysis, Repackaging and consolidation.

Unit: -3

Information products:

Information products, nature, concepts, Types, development and marketing

Unit: -4

Trends in information Analysis Repackaging and consolidation including Electronic content creation.

Unit: -5

Methods of compilation: Digest, News briefs, Directories, hand Book etc.

Paper-M 103

Information Storage and Retrieval Systems

- Unit:-1 Cataloguing and subject indexing:
Principle and practice..
- Unit: -2 Indexing languages and Vocabulary:
Indexing languages: Types and Characteristics, Vocabulary control, structure and construction of an IR Thesaurus, Trends in Automatic indexing.
- Unit: -3 Information Retrieval:
IR Models, Search Strategies, .Evaluation of information retrieval system.
- Unit:-4 Information Searching and Retrieval :
Searching Techniques: Boolean Search, proximity Search, Truncated Search etc.
- Unit: -5 Subject Indexing:
History & Development. Assigned and Derived, pre and post co-ordinate indexing systems and citation index.

Paper - M104

Research methods and Statistical Techniques

- Unit:-1 Research-Concept, Meaning, need and purpose of research, Type of research- Fundamental and Application including inter disciplinary and Multidisciplinary approach. Research and development of scholarship.
- Unit: -2 Research Design:
Conceptual and operationalization. Types of research design, Identification and formulation of problem, Hypothesis Nominal and operational definition, Designing Research proposal, Ethical aspect of research , Life time search, print, Non-print and Electronic sources
- Unit:-3 Research methods: Scientific method, Historical method, Descriptive method, Survey method and case study method , Experimental method and Delphi method.
- Unit: -4 Research Techniques and Tools:
Questionnaire, Interview, Observation, Scales and checklist, Library record and report, sampling Techniques
- Unit: -5 Data Analysis and interpretation:
Descriptive statics-measures of central Tendency, Mena, Mode, Medium, Tabulation of generalization, Measures of description variance and co-variance, standard deviation, correlation, regression linear and non linear. Bibliometrics, Scientometrics and informatics.