Pt. Ravishankar Shukla University,

Raipur (C.G.), India 492010

CURRICULUM & SYLLABUS

(Based on CBCS & LOCF)

Ph.D. Entrance in Library and Information Science

Session: 2025 -2026

टीप : - सत्र 2024 - 2025 के पाठ्यक्रम को सत्र 2025 - 2026 के लिए यथावत प्रभावशील किया जाता है |

Approved by

Board of Studies	: **Library and Information Science**
Date	: 15/05/2025
Name of Chairman	: Prof. Maya Verma
Name of Member's	: Dr. Santu Ram Kashyap
	Dr. Harish Kumar Sahu
	Dr. C. K. Swain — Online सहभागिता
	Dr. A. K. Sharma
	Prof. K. L. Mahawar — Online सहभागिता
	Prof. Sonal Singh

SOS in Library & Information Science
Syllabus for M.Phil / Ph.D. Entrance Exam 2025-26

UNIT-1 Information Science
- Definition, Scope, Objectives, Genesis and Development
- Information Science as a discipline and its relationship with other subject fields
- Information Industry – Generators, Providers and intermediaries
- Press and Registration Act, Delivery of books (Public Library) Act, Copy right Act
- UAP,UBC
- Communication – Channels, barriers

UNIT-2 Knowledge Organization Processing
- Types, Structure & qualities, canons of notation.
- Mnemonics- Types and canons, Indicator digits.
- Zone analysis and sector notation.
- Canons for book classification.
- Systems of book number.
- Canons of knowledge classification
- Canons of cataloguing

UNIT-3 Research
- Concept, Meaning, need and process of research
- Types of Research- Fundamental and Applied
- Research Methods- Scientific, Historical, Descriptive, Survey and case study methods, Experimental method and Delphi Method
- Research techniques & Tools- Questionnaire, Schedule, Interview, observation and sampling techniques
- Research Design – Types of research design identification and formulation of problem Hypothesis
- Research report writing

UNIT - 4 Management
- Management styles and approaches
- Management Schools of thought
- Function and Principles of scientific management
- Human Resource Management- Organization Structure, Job analysis and description, Job evaluation, Motivation, staff manual leadership & performance evaluation
- System analysis- definition, concept and characteristics, Library as a system.
- Financial Management – Resource generation, types of budgeting, cost benefit analysis
- TQM

Unit -5 Indexing System
- Pre coordinate and post coordinate indexing system
- KWIC, KWOC
- Chain Indexing, PRECIS, POPSI

* Uniterm Indexing, Citation Indexing
* Standards for Bibliographical Description: AACR-2, ISBD, MARC(Format), CCF, OPAC

Unit -6 Information Sources
* Documentary sources of information.
* Print, Non-print including Electronic Nature.
* Characteristics, Utility and evaluation of different types of information sources.
* Non Documentary Information sources.
* Human and institutional – Nature, Types, Characteristics and utility, Internet as a source of information.

Unit-7 Information Technology
* Operating system- Ms-Windows, Ms-DOS.
* Programming languages, Algorithms, Flowcharting.
* Networking- types of networks- LAN, WAN, MAN, INTERNET
* Web Browser, Web servers, Search Engines, Meta search, Web- design-SGML, HTMM, DHTMLs, XML.
* Relational and object oriented software- CDS/ISIS, SOUL.
* Digital Libraries – Concept, Virtual libraries- concept
* INFLIBNET

Unit-8 Management Information Systems
* Definition, Concepts, Elements and characteristics of M.I.S.
* Planning for MIS-Systems analysis, Systems design.
* Information support system- MRS, DSS, OAS, KBS.
* Financial Information systems, Marketing IS & Human resource IS.
* Role of computers in MIS, Data base management

Unit- 9 Library Organization
* Meaning, importance, principle and types
* Five laws of library science
* UNESCO, IFLA, ALA, ILA, IASLIC
* Library statistics and Annual Report
* Resource sharing
* RRLF

Unit- 10 Reference Services
* Reference Services – concept, definition and importance, types
* Orientation of freshman and users education.
* Evaluation of Dictionaries and Encyclopedia
* Evaluation of Year Books, Almanacs, Directories, Current reference sources
* Evaluation of Geographical sources, Biographical sources.