# P. K. University, Shivpuri (M.P.)

## Ph.D.  COURSE WORK SCHEME

### Subject-   LIBRARY AND INFORMATION SCIENCE

| Sr.No. | Title of Course | Paper Code | Maximum Mark's | Qualify Marks 65% | No. of Credits (Per week) | Teaching Lecture | Exam Duration |
|--------|-----------------|------------|----------------|-------------------|---------------------------|------------------|---------------|
| 1- | Research Methodology | PRESEAR 101 | 100 | 65 | 04 | 60 | 03 hours |
| 2- | LIBRARY AND INFORMATION SCIENCE | PLIBRDR 102 | 150 | 65 | 06 | 90 | 03 hours |
| 2- | Research and Publication Ethics | PRESECP 103 | 50 | 33 | 02 | 30 | 02 hours |
| **Total** | **-** | | **300** | **163** | **12** | **180** | |

## Ph.D.  COURSE WORK SYLLABUS
## Subject:-  Library and Information Science

**UNIT I**
Fundamentals of Retrieval System: Nature and Characteristics. Objective and Design of Information Storage and Retrieval System.
Compatibility and Evaluation of ISAR System Thesaurus: Need, Structure and Construction

**UNIT-II: NATIONAL INFORMATION SYSTEMS**
Planning and Designing of National Information System Study of National Information Systems in India: NASSDOC, NISCAIR, ENVIS, DESIDOC, NIC AND SENDOC, ETC.

**UNIT III: INFORMATION RE-PACKAGING, ANALYSIS AND CONSOLIDATION**
Packaging and Repackaging: Concept, Need and Purpose Information Analysis and Consolidation Center (IAC): Concept, Need, Purpose and Function. Information Consolidation Products (ICP): Concept, Need and Purpose. Different Types of Information Products. Role of Specialist in the preparation of Information Consolidation Products.

**UNIT IV: INFORMATION POLICY, LIBRARY NETWORKS & LIBRARY CONSORTIA**

Information Policies on Library and Information Systems and Services in India. Role of Information Systems and Networks in Technology Transfer and National Development. Programmes and Activities of INFLIBNET and DELNET. E-Journals Consortium: UGC-INFONET, CSIR e-journal consortia INDEST and Recent trends

**UNIT IV**

Search Techniques and Information Retrieval Search Strategy: Boolean Operations, Proximity Search, Heuristic Search, Navigational Search etc., Search Process, I.R. Models. Man and Machine Retrieval System. Internet Searching and Meta Search Engines Data Mining, Data Harvesting and Semantic Web

**Recommended Books**
1. **CHOWDHURY (G G)**. Introduction to modern information retrieval. 1999. Library Association, London.
2. **CLEVELAND (Donald B)** and **CLEVELAND (Ana D)**. Introduction to indexing and abstracting. 2001. Libraries Unlimited, Colorado.

3. **JAIN (Abhinandan K), et al**. Marketing information products and services: a primer for libraries and information professionals. 1999. Tata McGraw-Hill, New Delhi.
4. **KOTLER (Philip)**. Marketing management. Ed.12. 2002. Prentice Hall, Delhi.

5. **KOTLER (Philip)** and **ARMSTRONG (Gary)**. Principle of marketing. Ed. 7.1996. Prentice- Hall of India, New Delhi.
6. **ROWLEY (Jenifer)**. Information marketing. 2001. Ashgate, London.