Department of Library and Information Science

2019

Revised Syllabus for PhD in LIS Course Work

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COURSE–I
RESEARCH METHODOLOGY IN LIBRARY AND INFORMATION SCIENCE

Unit-1: Introduction to Research Methodology

• Research Problem and Research Design

• Formulation of Hypotheses

Unit-2: Research Methods in LIS

• Types of Research Methods: Quantitative and Qualitative

• Research Techniques and Tools: Questionnaire, Interview, Observation, Schedule, Check-list, Library Records and Reports.

• Metric Studies in LIS

Unit-3: Data Analysis and Interpretation

• Data Analysis: Statistical Methods

• Data Analysis: Computer Processing

• Interpretation and Presentation of Results

Unit-4: Report Writing

• Research Report Writing

• Style Manuals

• IPR and Plagiarism

COURSE–II
PLANNING AND MANAGEMENT OF LIBRARIES AND INFORMATION CENTERS

Unit-1: Library and Information Planning
- Type of Planning
- Plan Proposal
- Implementation and Monitoring of Plan
- Digital Library Planning
- Digital Information Planning

Unit-2: Management Philosophy
- Social Responsibility and Ethics
- Scientific Management Theory
- Classical Organization Theory
- Behavioral Theory
- Recent Developments: System Approach, Contingency Approach and Operations Research

Unit-3: Governance and Information Management
- Organization Structure
- Governance of Library and Information Centers: Power and Distribution of Authority
- Information Governance
- Knowledge Management

Unit-4: Human Resource Management
- Job Requirement and Recruitment Process
- Staff Manual
- Human Relations
- Performance Appraisal
- Staff Development

Unit-5: Financial Management
- Types of Budgeting
- Sources of Finance
- Plan Budget and Non-Plan Budget
- Budget Statistics: Balance Sheet
- Budget Re-Appropriation

Unit-6: System and Evaluation
- System Study Techniques: PERT and CPM
- Evaluation of Library Procedures and Services: Time and Motion Study, Feedback Study
- Research Output Analysis
- SWOT Analysis

COURSE–III (a):
UNIVERSITY AND COLLEGE LIBRARY SYSTEM

Unit-1: University Libraries and Their Development
- History of University and College Libraries.
- Higher Education and its impact on the development of University and College Libraries.
- Higher Education System: Distance and Open Universities and their impact on the Libraries.
- Study of University and College libraries of Selected Developed and Developing countries.

Unit-2: Library Governance and Organization
- Library Governance
- Library Committee, Constitution, Powers and Functions
- Organizational pattern: Library System, Structure and Services

Unit-3: Human Resource, Financial and Collection Management
- Human Resource Management in libraries
- Financial Management in libraries Cost-Benefit and Analysis studies
- Collection Development and Access Management in libraries Use and Evaluation studies of information resources

Unit 4: Networks, Consortia and ICT Applications
- Library Networks and INFLIBNET
- Library Consortia and E-Shodh-Sindhu
- Library Services in Print and Electronic Environment: Their evaluation and effectiveness
- Information Communication Technology Application in Libraries
- Planning and Future Development Plans

COURSE–III (d):
INFORMATION PROCESSING AND ORGANIZATION

Unit 1: Library Classification
- Fundamental of Classification.
- Recent Development in Electronic
- Planning in classification

Unit 2: Subject Indexing
- Landmarks in Indexing
- Pre/Post Indexing System
- Computerized Indexing
- Bibliographic Display/ e-citation Tools

Unit 3: Controlled Vocabulary
- Thesaurus and its List of Subject Headings
- Authority List

Unit-4: Advance Knowledge Organization
- Data Models and Ontologies
- Taxonomies
- FAST (Faceted Application of Subject Terminology)

COURSE–III (g):
LIBRARY AND INFORMATION SCIENCE EDUCATION

UNIT-1: Development of Library and Information Science Education
- Library and information science education: Sociological perspective
- Growth and development of library and information science education
- Changing dimensions in Libraries and its implications on library and information science education

UNIT-2: Manpower and Development
- Categories and levels of library and information professional
- Qualifications, skills and competencies requirements
- Continuing education programme for library and information professionals

UNIT-3: Foundations of Library and Information Science Education
- Levels of courses in education for librarianship
- Library and information science curriculum
- Trend and issues in library and information science research

UNIT-4: Methods of Teaching and Evaluation of Student Performance
- Teaching and learning Methods
- Assessment and evaluation of student performance
- Faculty development

COURSE–II I (h):
APPLICATION OF TOOLS AND TECHNOLOGIES IN LIBRARY AND INFORMATION SCIENCE

Unit-1: Data Analysis Tools

- Spreadsheet
- SPSS
- Citation Analysis Tools and Citation Databases

Unit-2: Digital Library Software

- Integrated Library Management Software
- Digital Library Software

Unit-3: Online Data Search

- Advance Search Techniques: Federated Search Systems
- Online Data Systems: Subject Gateways, Institutional Repository, Web Directory etc.

Unit-4: Web Based Statistical Tools

- Statsoft and easy calculations
- Online Tutorials