### MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI

**Department of Library and Information Science**

**Ph.D. Course Work Syllabus (2017-18 ONWARDS)**

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Course</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>CORE PAPER</strong></td>
</tr>
<tr>
<td>1.</td>
<td>Research Methodology</td>
</tr>
<tr>
<td></td>
<td><strong>ELECTIVE PAPERS (ANY TWO from Group A or B or C )</strong></td>
</tr>
<tr>
<td>2</td>
<td>Informetrics and Scientometrics</td>
</tr>
<tr>
<td>3</td>
<td>User Studies in Digital Era</td>
</tr>
<tr>
<td>4</td>
<td>Information Literacy</td>
</tr>
<tr>
<td></td>
<td><strong>Group – A</strong></td>
</tr>
<tr>
<td>5</td>
<td>Electronic Resources Management</td>
</tr>
<tr>
<td>6</td>
<td>Library Automation and Digitization</td>
</tr>
<tr>
<td>7</td>
<td>Digital Libraries</td>
</tr>
<tr>
<td></td>
<td><strong>Group – B</strong></td>
</tr>
<tr>
<td>8</td>
<td>E-Learning and Content Development</td>
</tr>
<tr>
<td>9</td>
<td>Public and Academic Library System</td>
</tr>
<tr>
<td>10</td>
<td>Marketing of Information Products and Services</td>
</tr>
<tr>
<td></td>
<td><strong>Group – C</strong></td>
</tr>
<tr>
<td>11</td>
<td>Mini Project</td>
</tr>
<tr>
<td></td>
<td><strong>MINI PROJECT</strong></td>
</tr>
</tbody>
</table>
Core Paper

Title: RESEARCH METHODOLOGY

Objectives

1. To understand the role and importance of research in Library and Information Science
2. To introduce different methods and techniques of research
3. To familiarize in the use of statistical tools of research and to develop research report skills.

Unit – I
Research: Concept, Characteristics and Types- Pure, Applied, Action and Inter Disciplinary Research – Logic and Scientific method.

Unit - II
Research Problem-Identification, Selection and Formulation of a Research Problem; Research design; Literature Search and Review of Literature; Hypothesis-definition, Types and Characteristics.

Unit – III
Research Methods- Survey – Historical – Case study – Experimental etc; Sampling – Definition, Types and Relevance -Data Collection: Data Sources – Field data and Secondary data; Data collection Methods – Questionnaire / Schedule, Observation etc.

Unit – IV
Data Analysis: Analysis and Interpretation – Statistical Tools and Techniques- Measure of Central Tendency, Frequency Distribution, Regression and Correlation; SPSS.

Unit – V

Reference

Flick,Uwe.(2015). Introducing Research methodology: a beginner’s guide to doing a research project. Sage


Kumar, PSG. (2016). Research and Statistical Techniques, BR Publishing
Group-A

Title: INFORMETRICS AND SCIENTOMETRICS

Objectives

1. To learn the concept, use, theories, laws and parameters of bibliometrics.

2. To understand citation analysis and operation research

3. To teach the students the application of bibliometrics to study the literature in different subjects.

Unit -I

Unit –II

Unit – III
Quantitative and Qualitative techniques: Types, Multidimensional scaling, Cluster analysis, Correspondence analysis, Co-word analysis, media and audience analysis.

Unit –IV
Citation Theory and Analysis; Definition, Theory of citing, different forms of citations, Age of citation – citation counts, Self –citation – Citation Index - Impact Factor – H Index.

Unit – V
Bibliometrics and Scientometric Analysis using Statistical Software packages
(Hits cite, Bib excel and VoS - Viewer ).
Reference


Aslib proceedings. 1, 1949, 102.


Group-A

Title: USER STUDIES In DIGITAL ERA

UNIT I

Information users and their information needs: Categories of information users, Information needs- definition and models, Information seeking behavior.

UNIT II

Information need - Definitional and conceptual problems. Distinction between needs, - wants, demands and requirements; Levels of information need Taylor’s model, Lancaster’s four levels, - Cronin’s three levels; - Koikela’s two levels of information need.

UNIT III

User studies: Concept of user studies, Importance of user studies, Types of user studies, Methods and techniques of user studies: Questionnaire, interview, observation and diary.

UNIT IV

Library Surveys Techniques of library and information centres survey, Proforma method, Interview method, Record analysis method.

UNIT V

Planning a library or user survey, User - Understanding the psychology of information user.

Reference


Osborne,Larry N. and Nakamura, Margaret. System for Librarians and Information Professionals. 2nd ed. Engewook: Libraries unlimited, 2014

Kumar, PSG. Library and Users: Theory and Practice. BR Publications, New Delhi, 2016


Group- A

Title: INFORMATION LITERACY

Objective:
- To know the concept of Information Literacy
- Understand the application of Information Literacy in Library
- To know the trend in Information Literacy

Unit I
Fudamentals of Information Literacy – Concept, Need and Objectives – Areas of Information Literacy – standards in Information Literacy – Role of Institution in Information Literacy

Unit II
Information Literacy programmes – Scope of Information Literacy Programme – National Programmes in Information Literacy – International Programmes in Information Literacy – various information Literacy models – Rubrics, ALA, ACRL, CILs, SCONUL, ICDLs.

Unit III

Unit IV
Application of Information Literacy in Library and information centres – Information Literacy for Users – Information Literacy for Professionals – IL for Science and Technology – IL for Social Science – IL for Research and development.

Unit V
Trends in Information Literacy Web based Information Literacy system – OPAC Information Literacy System – Lifelong learning system

Reference


Media and Information Literacy; Policy and Strategy Guidelines; UNESCO; 2013.


Group –B

Title: Electronic Resources Management

Objectives

- To familiarize with the various Electronic resources available in libraries
- To Know categories of E- resources according to their forms
- To understand the different formats of E- resources and their capacity in terms of memory
- To know the preservation methods of various types of media resources.

Unit I

Introduction to Electronic Resources - Types of Electronic Resources - Primary Sources -Online Databases -Reference Sources-Libraries and Subject Gateways - e-books, ejournals,e-databases.

Unit II

Building and Management of e-resources - Multimedia basede-resources - Commercial Vendors -Meta Resources -Electronic Books -Advantages of Internet Resources - Evaluation of Internet Resources

Unit – III

Role of Internet in Information Transfer - Subject gateways - Commercial database services COMPENDEX, EiTech, SCOPILTS, Emerald - Database Searchware SCIRUS" Google Scholar, EBSCO.

Unit IV

Types of Media Resources -Paper (Print) -Care, Handling and Storage - Film – Filmstrips- Slides -Cinefilm -Microforms -Care, Handling and Storage - Magnetic - Audio Tape - Video Tape - Storage Disks - Care, Handling and Storage - Plastic - Transparent Plastics - Vinyl Discs - Optical Storage Systems - Care, Handling and Storage

Unit V

Reference


Budapest Open Access Initiative. Available online at http://www.soros.org/openaccess/read


Group- B

Title: LIBRARY AUTOMATION AND DIGITILIZATION

Objective

1. To get familiarized with the various library software.
2. To know the process of Digitalization.

Unit – I


Unit – II


Unit – III

Library / Bibliographic application software, Koha, SOUL, over view of other packages, Boolean Search - Evaluation of Library automation software.

Unit – IV


Unit – V

Reference


http://shodhganga.inflibnet.ac.in/bitstream/10603/5661/9/09_chapter%204.pdf


Schroeder, Rebecca., (2012) "When patrons call the shots: patron-driven acquisition at Brigham Young University", Collection Building, Vol. 31 Iss: 1, pp. 11 –14

Kemdarne, Suryakant Balbhim (2012)., A study of library automation and networking in dental collegelibraries affiliated to Rajiv Gandhi University of Health Sciences, Bangalore., Tilak Maharashtra Vidyapeeth

Objective
1. To get familiarized with the various digital libraries
2. To know about different types of content and technology
3. To know about the collection development and infrastructure

Unit I
Introduction-Traditional Library- Information Retrieval System and Digital Library
Electronic, Virtual, Hybrid and Digital Libraries Characteristics of Digital Libraries
World Wide Web (WWW) V/s Digital Library

Unit II
Digital Library: Towards a Definition Why Digital Library? Some Important Digital Libraries
New Zealand Digital Library
(http://www.nzld.org/NetworkedComputerScienceTechnicalReferenceLibrary)
(http://www.ncstrl.orgArXiv.org(http://www.arxiv.org/))ScienceDirect
(http://www.sciencedirect.com/)

Unit III

Unit IV

Unit V
Reference


Group –C
Title: E-learning and content Development

Objective:

- To explain the concepts such as content development and collaborative content development
- To discuss content development tools and the various formats of content
- To explain the different types of content management system
- To highlight the best practices for collaborative content development

Unit I

Unit II

Unit III

Unit IV

Unit V
Reference


Miller, P. and Chad, K. Do libraries matter?: The rise of Library 2.0, Talis November 2005.


Group - C

Title: PUBLIC AND ACADEMIC LIBRARY SYSTEM

Objectives
1. To define the basic objectives of academic libraries
2. To know the various sources of finance to strengthen the academic library system
3. To encourage students to evaluate the user studies using new techniques

Unit – I

Unit – II

Unit – III

Unit-IV

Unit-V
Reference


Bhatt, R.K. Academic Libraries In India: A Historical Study

Bhatt, R.K. History and Development of Libraries in India. Delhi: Mittal, 1995


Group- C

Title: MARKETING OF INFORMATION PRODUCT AND SERVICES

Objectives

1. To familiarize the students about the changing philosophy of Library and Information Services from free to fee based information services.
2. To understand the Economic value of information.
3. To impart knowledge in product planning, product pricing and also to understand the market behaviour

Unit -I
Information as a commodity and resource – information products – nature and types – tangible and intangible, Information Commons, Information Ecology.

Unit-II
Marketing of information- concept – need and purpose – marketable products and services – approaches- corporate strategy.

Unit - III

Unit - IV

Unit - V
Marketing research; definition, functions, types and scope – applications – Technique’s – marketing information system – components-functions
Reference


