

DEVI AHILYA VISHWAVIDYALAYA, INDORE (M.P.)
CENTRAL LIBRARY
MASTER OF PHILOSOPHY IN LIBRARY AND INFORMATION SCIENCE:
Under the Faculty of Engineering Sciences
PROSPECTUS: 2013-14

01. Librarianship as a Career

Libraries are now universally recognized as important social institutions, no community is considered complete without a library. The gradual spread of the concept of democracy, education, the intensification of search activities, the rapid increase in production of recorded knowledge, have led to the expansion of libraries and the development of their services. A library is an important element of a community; an academic library is an essential part of an educational institution school, college or university; a business and industrial organization.

Librarianship is a growing field, which has by now attained the status of a separate discipline in the universe of knowledge. It presents challenges and interesting situations to library personnel. Those intending to enter the library profession should satisfy themselves that they possess the academic qualification and the sense of vocation that would enable them to work successfully as librarians. Librarianship as a profession provides a variety of employment opportunities. In Fact, it is possible to choose the kind of library to suit one's interest and background. Persons with a superior record high qualification can achieve high position. The salaries in college university libraries are comparable to those teachers.

The School of Library and Information Science is organized under the Faculty of Engineering. It conducts one year (two semesters) course leading to the Degree in Master of Philosophy in Library and Information Science.

02. Objectives::

- To enable the student to understand the functions and purpose of library in changing social and academic environment.
- To train the student in the techniques and management of Libraries of the 21st century using the modern technologies.
- To develop the skills to manage the Electronic Libraries in digital environment and to provide the advanced skills in computer and its application in library and information activities.
- To train the students in the advanced methods and techniques of research in library and information science

03. Learning Outcome:

The student will be able to manage the libraries of the 21st century in a digital environment. The Students will be able to carry out the research independently on the emerging areas of library and information science. The students will be inculcated with the ethics of research, statistical tools and techniques, principles of scientific communication, standards for referencing.

04. Duration of the Course:

The Master of Philosophy in Library and Information Science shall comprise of a course of study spread over a period of **two semesters in one year** duration.

05. Eligibility:

A candidate seeking admission to the program must have passed a MLISC Degree examination with 55 percent of marks of Devi Ahilya Vishwavidyalaya, Indore or any other Statutory

University/Institute recognized as equivalent thereto by DAVV. The candidate must have attained the age at the time of admission as Prescribed by the university from time to time.

06. Admission Procedure:

The admission to the course shall be through written/interview examination as prescribed/decided by the university from time to time.

07. Number of Seats:

The total numbers of seats are 20. The Reservation of seats shall be as per M.P.Govt. /University rules.

08. Fees Structure:

The tentative fee structure for the proposed course is as follows:

DAVV CENTRAL LIBRARY			
Fees structure for M. Phil. in LIS Course 2013-14			
Description	I Semester	II Semester	Total
Academic Fees	7350	7350	14700
Deve. and Maint. Fees	525	525	1050
Internet Fees	525	525	1050
University Fees.	2260	1472	3732
Caution Money	3000	0	3000
Total	13660	9872	23532
Exam Fees	1050	1050	2100
Total	14710	10922	25632

The Female students need not pay the Tuition Fees of Rs.180.00. The fees structure is subject to change by the Executive Council from time to time.

09. Curriculum:

The details of the subjects to be taught during the one year period in two semesters, curriculum pattern and examination scheme for each semester shall be subject to the approval of the concerned board of studies/faculty/other academic bodies of the university. In addition, the students will be required to under take and complete assignments, seminars, etc, as prescribed in the course of study.

Course No.	Title	Credit	Hour
First Semester			
701	Research Methodology, Quantitative Methods and Computer Applications	04	04
702	Current Management Practices in Libraries and Information Centers	04	04
703	Information Technology and Research: Practice	04	08
704	Comprehensive Viva	04	
Second Semester			
705	Seminar (Two)	04	
706	Dissertation	04	

10. Eligibility for the Degree:

The candidate shall be eligible for the degree when he/she has undergone the prescribed course of studies for a period of not less than one and half years in the institution and has passed the requisite examination in all the subjects.

11. Requirement for the Examination and attendance:

The candidate will be permitted to appear in the examination if he/she has put in minimum attendance of the lectures on each subject as prescribed under the rules as applicable from time to time and if he/she fulfils all other eligible conditions for appearing in examination.

12. Examination:

Examination shall be conducted by the university as per the provisions of Ordinance No.31. The general Provisions of examination under the ordinance 5&6 and admission enrollment, etc, shall be applicable unless otherwise specified in this Ordinance. For matters not covered in this ordinance, General rules of the university examination shall be applicable. In other cases, the Executive Council shall be the competent authority to decide.

SYLLABUS

MASTER OF PHILOSOPHY IN LIBRARY AND INFORMATION SCIENCE (ONE YEAR: TWO SEMESTERS): *Faculty of Engineering Sciences Academic Session 2013-14*

FIRST SEMESTER (July-December 2013)

Course No.: 701 Research Methodology, Quantitative Methods and Computer Applications

Credits: 04

Hours: 04

Objectives: To learn the basic theories of research, statistical techniques of research and applications of computers in research.

Unit-1: Research: Meaning, nature, and need. Types of research, Research method: Historical, Survey, Scientific, Experimental, Case study. Research design, Research Problem: Selection and Formulation, Problems facing in LIS Research. Hypothesis: Definition, Types, Testing Z-T test, chi square test. Sampling: Need, Types and Principles.

Unit-2: Collection of data–Primary and Secondary data, Methods and Tools of Data Collection: Observation, Interview, Survey, Experimental and Questionnaire. Measures of Central Tendency: Mean, Median, Mode. Measures of dispersion, Asymmetry and relationship. Analysis and interpretation of data, Classification of data, Presentation of data: bar, pie-line graphs, histograms.

Unit-3: Report writing: Structure, style, contents and Guidelines for research reporting, Style manuals: Chicago, MLA and APA. Role of research in LIS, Bibliometrics, Scientometrics, and Informatics and Webometrics: concept, definition. Bibliometric laws: Bradford, Zipf and Lotka. Bibliographic coupling, Obsolescence, citation analysis.

Unit-4: Computer Basic: Historical Development, types, Input & output devices, memory and Hardware/Software. Operating systems: DOS, Windows and UNIX. Programming Languages. Library automation: concepts, definition, need, purpose, housekeeping operation merits and demerits.

Unit-5: Information Communication Technology- component, media and Mode. Computer networks: Types and topology. OSI Reference model. Web browser and Web server, Internet, Intranet and Extranet. Internet: features, tools and services. Internet connections. Internet protocols. Important Networks–NICNET, INFLIBNET, ERNET, DELNET.

Learning Outcome: Upon completing the paper, the students will be;

- Able to understand research methods, methodology and use of statistical techniques.
- Aware to the recent trends of research in LIS.
- Understand the basic of Information Communication Technology.

Study Material and Sources:

1. Kothari, C. R.: Research Methodology: Methods and Techniques. Delhi, New Age International, 2004.
2. Gupta, Santosh: Research Methodology and Statistical Techniques. Delhi: Deep and Deep Publications, 1999.
3. Khan: Research Methodology. New Delhi: APH Publishing, 2011.
4. Bhattacharyya, D K: Research Methodology. New Delhi: Excel Books India, 2009.
5. Singh, Y. K: Research Methodology, New Delhi: APH Publishing, 2010.
6. Mishra, R. P.: Research Methodology: a Hand Book. Delhi: Concept Publishing Company, 1989.
7. Pathak, R.P.: Methodology of Educational Research, New Delhi: Atlantic Publishers & Dist, 2008
8. McClure, Charles R. and Herson, Peter (ed.). Library and Information Science Research: Perspectives and Strategies for Improvement. Westport, CT: Greenwood Publishing Group, 1991.
9. Jackson, Sherri L.: Research Methods and Statistics: A Critical Thinking Approach: A Critical.-4th ed: Cengage Learning, 2011
10. Krishan Kumar: Research methods in library and information science. New Delhi: Vikas, 1992.
11. Haravu, L.J.: Library automation: design, principles and practice. New Delhi: Allied, 2004.
12. Pant, Durgesh and Sharma, Mahesh Kumar: Fundamentals of Information Technology. New Delhi: Laxmi Publications Ltd., 2008.
13. Bangia, Ramesh: Computer Fundamentals and Information Technology. Delhi: Firewall Media, 2008
14. Tiwari, Purshottam: Information Technology and Library Evolution. New Delhi: APH Publishing, 2007.
15. <http://www.egyankosh.ac.in/>
16. www.netugc.com

Course No.: 702 Current Management Practice in Library and Information Centers

Credits: 04

Hours: 04

Objectives: To learn current management techniques to improve the library and information centers.

- Unit-1:** Scientific management. Personnel management. Attitudes and Motivation: Meaning, definitions, and techniques. Problem solving, decision making, organization theory, human relations in management.
- Unit-2:** Organization structures; Library system: Public, Academic and Special. Staffing, Library authority, Delegation of Authority. LIS Committees. Human Resource Development and Job analysis. Library standard and library statistics. Library rules in the digital context.
- Unit-3:** Applications of system study techniques to library organizations and library situations. Evaluation of library procedures and services. Time and motion studies. Performance testing. PERT/CPM, MBO, MIS, TQM.
- Unit-4:** Financial management. Costs benefit analysis, Budget and Budgeting techniques. Collection Development in the public, Academic and Special Libraries. Collection development, policies, processes, techniques and evaluation. Collection development in digital environment.
- Unit-5:** Role of information in planning, decision making, management. Marketing of Information: Information as a resource and commodity. Marketing for Information Professionals. Marketing Research, Information Marketing Plan, and new technologies for information marketing.

Learning Outcome: At the end, the students will be able to;

- Manage the libraries and information centers by the current tools and techniques of management.
- Do a marketing research on library product and services
- Develop the collections of libraries and information centers in digital era.

Study Material and Sources:

1. Ranganathan, S.R.: Library administration. Ed. 2. Bombay: Asia, 1959.
2. Koontz, Herald: Essentials of Management. Tata McGraw-Hill Education, 2010.
3. Dhiman, A K and Rani, Yashoda: Learn Library Management: Learning Library Science Series. NewDelhi: Ess Ess Publications, 2005.
4. Stueart, Robert D. and Moran, Barbara B.: Library and Information Center Management. Libraries Unlimited, Incorporated, 2002.
5. Clayton, Peter and Gorman, G.E.: Managing information resources in libraries and information services: collection management in theory and practice. London: Facet Publishing, 2001.
6. Kumar, PSG: Management of Library and Information Centers. NewDelhi: B.R. Pub., 2003.
7. Russell, Edward: The Fundamentals of Marketing. SA: AVA Publishing, 2010.
8. Smith, Scott M. and Albaum, Gerald S: Fundamentals of Marketing Research. New Delhi: SAGE, 2005.
9. <http://www.egvankosh.ac.in/>
10. www.netugc.com

Course No.: 703 Information Technology and Research: Practice

Credits: 04

Hours: 08

Objectives: To learn the use of ICT applications for completing the Research.

Unit-1: Applications of MS-Office in Research

Unit-2: Online Research Tools

Unit-3: Statistical Software for research: SPSS and MS-Excel

Unit-4: Online Literature and Database Searching for Research

Learning Outcome: After completion of the paper, the students will be able to;

- Use the MS-Office for their research work.
- Operate the online research tools,
- Use of statistical software for research.
- Search the e-resources or literature related to their research.

Course No.: 704 Comprehensive Viva

Credits:04

SECOND SEMESTER (January-May 2014)

Course No.: 705 Seminar (Two)

Credits: 04

Hours: 08

Course No.: 706 Dissertation

Credits: 06

Hours: 12