



MASTER OF PHILOSOPHY IN LIBRARY SCIENCE SYLLABUS SESSION 2013-14

CURRICULUM

Sl. No	Papers	Max. Marks	Ex. Hrs.
1	Research Methodology	100	3
2	Emerging Thrust Areas in Library & Information Centre	100	3
3	Specialization	100	3
4	Dissertation	100	-

Paper - I

RESEARCH METHODOLOGY THEORY AND TECHNIQUES

Unit - I

Research - Definition - Importance and Meaning of research - Characteristics of research - Types of Research - Steps in research - Identification, Selection and formulation of research problem - Research questions - Research design - Formulation of Hypothesis - Review of Literature.

Unit - II

Sampling techniques : Sampling theory - types of sampling - Steps in sampling - Sampling and Non-sampling error - Sample size - Advantages and limitations of sampling. Collection of Data : Primary Data - Meaning - Data Collection methods - Secondary data - Meaning - Relevances, limitations and cautions.

Unit - III

Statistics in Research - Measure of Central tendency - Dispersion - Skewness and Kurtosis in research. Hypothesis - Fundamentals of Hypothesis testing - Standard Error - Point and Interval estimates - Important Non-Parametric tests : Sign, Run, Kruskal - Wallis tests and Mann-Whitney test.

Unit - IV

Para metric tests : Testing of significance - mean, Proportion, Variance and Correlation - testing for Significance of difference between means, proportions, variances and correlation co-efficient. Chi-square tests - ANOVA - One-way and Two-way.

Unit - V

Research Report : Types of reports - contents - styles of reporting - Steps in drafting reports - Editing the final draft - Evaluating the final draft.

Reference Books

1. Statistical Methods - S.P. Gupta
2. Research Methodology Methods and Techniques - C.R. Kothari
3. Statistics (Theory and Practice) - B.N. Gupta



4. Research Methodology Methods and Statistical Techniques - Santosh Gupta

PAPER II: EMERGING THRUST AREAS IN LIBRARY & INFORMATION CENTRE

UNIT - I

Library Automation - Meaning, & Need for automation - Historical Development of Computer - Operating Systems - Dos, Windows, Unix-I/O Devices - Systems Hardware & Software - System Software & Application Software - File Organisation - Serial, indexed sequential, direct and inverted files.

UNIT - II

Social, Economical and Psychological Implications of Automation - System Study and planning for automation - Computerization of various housekeeping operations - a study of some important Library automation packages - CDS/ISIS, SOUL, LIBSYS etc.

UNIT - III

Networking: Types, Applications and relevance - transmission Media; Digital Networks: LAN, WAN, ISDN, PSTN, Optical Communication System; FAX, Modem, teletext, videotext, e-mail, Internet & Intranet - Study of important networks - NICNET, INDONET, Inflibnet, Ernet, Delnet etc.,

UNIT- IV

Digitization - Digital Library development - Issues Involved - Electronic resources - Access to Web Based digital resources- Electronic Publishing, Email, and CD Rom technology.

UNIT - V

Strategic Management of Digital Libraries - Challenges for Digital Library - Intellectual Property Rights in Digital Environment - Operating Costs, Monitoring - Document delivery etc.

UNIT - VI

Marketing of Information: Information as a Commodity and a resource the concept of Marketing - Marketing for information Professional - Marketing Mix - Market segmentation and targeting - Marketing Research - Information Marketing Plan - Information and the new technologies.

BOOKS RECOMMENDED:

1. Kothari, C.R, Research Methodology: Methods & Techniques, New Delhi: Wishwa Prakasham, 1996.
2. Ravichandra Rao, I.K, Quantitative Method for Library & Information Science, New Delhi: Wiley Eastern, 1985.
3. Panda, B.D, Research Methodology for Library Science, New Delhi, Ammol Publications - 1997.
4. Santhosh Gupta, Research Methodology & Statistical Techniques, New Delhi: Deep & Deep, 2000



5. Naidu, M.K.R t all, Creation And Management of Digital resources, papers Presented at the CALIBER 2001; Ahmedabad: Inflinet Centre.
6. Raja Raman, V. Fundamentals Of Computers, New Delhi:PHI,1996.
7. Ravichandra Rao, I.K, Library Automation, New Delhi: Wiley Eastern, 1992.

PAPER IV Dissertation



