

## **FINAL COURSE WORK TO BE UPLOADED ON WEBSITE**

### **Library and Information Science**

#### **Proposed Programme: Ph.D. Course Work**

<b>Courses</b>	<b>Credits</b>	<b>Marks</b>	<b>Assessment</b>	<b>Duration</b>
Research Methodology + Review of RM Books	6	100		
Literature Review and Concept Note	6	100		
Style Manual Content and Referencing Tools	6	100		
<b>Total</b>	<b>18</b>	<b>300</b>		<b>12 Months</b>

\* Research work commences only after satisfactory completion of the Course

\*\* Six months compulsory attendance at the Department

### **I. A. Research Methodology (4 Credit 60 Marks)**

This includes quantitative, qualitative methods of research, use of information and communication technology in research, wherever applicable. The scholar will be required to appear for a written test.

1. Research: General: Meaning, Need, Purpose: Scientific Methods: Components Of Scientific Methods, Spiral of Scientific Method. Research Ethics. Types of Research: Pure(Fundamental), Applied and Action
2. An Overview of Research Methods: Historical Methods, Survey, Case Study, Content Analysis, Experimental Methods, Delphi Method, Operation Research, Evidence Based Librarianship
3. Research Design: Problem Identification, Formulation of Objectives and Hypotheses, Selection of Suitable Approach: Qualitative /Quantitative, Field/Desk Research, Exploratory, Descriptive, Diagnostic, Experimental Approaches, Qualitative and Quantitative Data Collection Techniques: Observation, Interview, Questionnaire, Checklist, Schedules and Samplings, Synopsis Writing
4. Statistical Analysis: Validation of Data, Use of Statistical Package/ Ms Excel,
5. Graphic Presentation of Data, Interpretation , Inferences and Discussion.
6. Research Reporting: Structure of Synopsis and Research Reports. Style Manuals (Chicago, APA, MLA)
7. Evaluation of Research Work ; Current Trends in LIS Research

### **B. Review of RM Books (2 Credits 40 Marks)**

Preparation of review of three books about RM: Books by Charles Busha, CR Kothari and any one other author.

## **II.**

### **A. Concept Note (2 Credits 40 Marks)**

Preparation of Concept Note covering the outline of the theme (i.e. concept) including formulation of objectives, hypothesis

Seminar presentation by the candidate based on his/her research topic including the outline of the research topic, Objectives , hypotheses, Scope and Methodologies

### **B. Literature Review (4 Credits 60 Marks)**

Purpose and process of formulating research problem through relevant Literature Review of researcher's selected area

(The candidate has to submit a comprehensive literature review of 2500 words based on his/her research theme)

This course is done under the supervision of the Guide.

## **III. A Term Paper (4 Credits 60 Marks)**

Preparation and submission of a term paper of approximately 2000 words related to the themes of candidates research.

### **B. Referencing Tools (2 Credits 40 Marks)**

Practical familiarity with Referencing Tools such as MS-Word's 'Reference' tool, Mendeley and Zotero: Seminar Presentation.

## **Examination Pattern**

### **Paper 1**

A. Research Methodology      4 Credits                      60 marks

- a. There shall be six questions out of which one will be short note question. Each question carries 15 marks
- b. Candidate will attempt any four questions

B. Review of RM Books      2 Credits                      40 marks

Submission of three book reviews, each of 1000 words.

### **Paper 2**

A. Concept Note                      2 Credits                      40 marks

Seminar presentation by the candidate based on his/her research topic

B. Literature Review              4 Credits                      60 marks

Submission of Literature Review of 2500 words. .

### **Paper 3**

A. Term Paper                      4 Credits                      60 marks

Submission of a term paper of approximately 2000 words related to the theme of candidate's research.

B. Referencing Tools              2 Credits                      40 marks

Submission giving practical steps in using the referencing tools.

Presentations will be assessed by the respective guides, one member from the panel of examiners appointed by the BOS and Chairman of *Ad Hoc* BOS.

Written Submissions (Book Reviews, Literature Review and Term Paper ) shall be evaluated by the respective guide

**The candidate shall obtain a Minimum of 50% Marks in all the heads of the course work.**

## Reading List

1. American Psychological Association. *Publication Manual of the American Psychological Association*. 6th ed. Washington: APA
2. Beck, S. E., & Manuel, K. (2008). *Practical research methods for librarians and information professionals*. Neal Schuman.
3. Bell, Judith : *Doing your research : a guide for first time researcher in education and social science*. Buckingham, Open University press, 1997.
4. Blaxter, Loraine & Others : *How to research*. Buckingham, Open University Press, 1997.
5. Bundy, M. L. & others (ed.) : *Reader in research methods for librarianship*. Washington, NCR Microcard ED., 1970.
6. Busha, C. H., Harter, S. P. (1980). *Research methods in librarianship*. New York : Academic Press.
7. Busha, Charles H. & Harter Stephen p. : *Research methods in librarianship Techniques and interpretation*. New York, Academic Press, 1980.
8. Carpenter and Vasu (1978). *Statistical methods for Librarians*. Chicago: ALA.
9. Denscombe, M. (1999). *The Good Research Guide for Small - Scale Research Projects*. New Delhi: Viva.
10. Devarajan, G. : *Applied research in library and information science*. New Delhi, Ess Ess, 2005
11. Egghe, L, & Neelameghan, A. (ed.) : *Lectures on informatics and scientometrics*. Bangalore, SRELS, 2000.
12. Egghe, L. & Rousseau, R. : *Introduction to informatics : quantitative methods in library , documentation and information science*. Amsterdam, Elsevier Science, 1990.
13. Finte, a : *Conducting research : from paper to the internet*. London, Sage, 1998.
14. Ghosh, B. N. : *Scientific method and social research*. New Delhi, Sterling Publishers, 1987.
15. Goldhor, Hernert : *Introduction to scientific research in librarianship*. Urbana, University of Illinois. Graduate School of Library Science, 1972.
16. Goswami, P. R. : *Statistical information system and libraries*. New Delhi, Anmol Pub., 1989.
17. Gupta, B. M. (Ed.). (1996). *Handbook of Libraries. Archives & Information Centres in India. Vol.13 Bibliometrics, Scientometrics and Infometrics* (1996)Ed. By B.M. Gupta New Delhi : Segment Books.
18. Hafner, Arthur W. : *Descriptive Statistical techniques for libraries*. Chicago, A. L. A., 1989.
19. Krishnaswami, O. R. (1993). *Methodology of Research in Social Sciences*.. Mumbai: Himalaya Publishing House.
20. Lancaster, F. W. : *Bibliometric methods in assessing productivity and impact of research*. Bangalore, SRELS, 1991.
21. Lastrucci, C. L. : *The scientific approach : basic principles of scientific method*. Combridge, M. I. T., 1967
22. Matyn, John & Lancaster, F. W. : *Investigative methods in library and information science*. Arlington, Information Resources Press, 1981.
23. McClure, C. R., & Herson, P.(eds) (1991). *Library and information science research: perspectives and strategies for improvement* .New Jersey: Ablex.
24. *MLA Handbook for Writers of Research Papers*. 7th ed. New York: Mod. Lang. Assn.
25. Moore, Nick : *How to do research : a practical guide to designing and managing research projects*. 3<sup>rd</sup> ed. London, Facet publishing, 2006
26. Nicholas, D., & Ritchie, M. (1978) *Literature and Bibliometrics* London, Clive Bingley.
27. Padgett, D. K. (1998). *Quantitative Methods in Social Work Research: Challenges and Rewards*. New Delhi: Sage.
28. Pichard, Alison Jane : *Research methods in formation*. London, Facet Publishing, 2007.

29. Powell, R. R., & Connaway, L. S. (2004) *Basic Research methods for Librarians*. Westport : Libraries Unlimited.
30. Powell, R. R., & Silipigni, C. L. (2004). *Basic research methods for librarians*. Ed. 4. Libraries Unlimited, Westport.
31. Powell, Ronald R.: *Basic research methods for librarians*, 2<sup>nd</sup> ed. Norwood, Ablex Pub., 1994.
32. Publication manual of the American Psychological Association (latest available edition: 6th edition 2009). Washington, DC: American Psychological Association.
33. Rao, R. I. K (1983). *Quantitative methods for Library and Information Science*. New Delhi : Willey Eastern
34. Ravichandra Rao, I. K. (ed.) : *Informatics – 91*. Bangalore, SRELS, 1992.
35. Ravichandra Rao, I. K. : *Quantitative methods for library and information Science*. New Delhi, Willey Eastern, 1983.
36. Savanur, S .K. ((2008) *Research Methodology for Information Sciences*. Pune : Universal
37. Sehgal, R. L. (n.d.). *Statistical Techniques for Librarians*, EssEss Publications, New Delhi.
38. Sehgal, R. L. ( 1998). *Applied Statistics for Library Science Research* (2 vols.). EssEss,
39. Sehgal, R. L. : *Applied statistics for library science research*, Vol I and II. New Delhi, Ess. Ess, 1998.
40. Srikantaiah, T. and Hoffman, H. H. *Introduction to quantitative research methods for librarians*, 2<sup>nd</sup> Rev. ed., California, Headway Pub. 1978.
41. Stephen, P., & Hornby, S. (1998) *Simple Statistics for Library and Information professionals*. London : Library Association.
42. *The Chicago Manual of Style*. 15th ed. Chicago: U of Chicago P
43. Walliman, Nicholas : *Your research project : a step by step guide for the first time researcher*. New Delhi, Vistaar Pub., 2005.
44. Wildemuth, B. M. (2009). *Applications of Social Research Methods to Questions in Information and Library Science*. Westport, CT: Libraries Unlimited.
45. Wilkinson, T. S., & Bhandarkar, P. L. (1984). *Methodology and techniques for social research*. 4th edition. Bombay : Himalaya .
46. Young, P. (n.d.). *Scientific Social Surveys and Research*, V. 3. *Applied Statistics for Library Science Research*, vol. 2, R.L. Sehgal, EssEss Publications, New Delhi.