

North Maharashtra University, Jalgaon
Department of Library and Information Science

Course work for Ph.D.
Paper II

Marks : 100
Working Hours : 40

Unit- 1 Computer and Information Literacy

Computer literacy, Digital and network literacy.
Internet and search Techniques
Information support system- MRS, DSS, OAS.
Role of Computers in Research
Concept of Information Literacy
Models of Information literacy

Unit- 2 Literature Search and Review of Literature

Concept of Literature Search
Steps of Literature Search
Tools : Printed and non-Printed sources, Online full Text Databases,
Consortium etc.
Review of Literature
Procurement of literature from Documents Supply Centers- Documents
centers such as INFLIBNET, NISCAIR etc.
Evaluation of selected literature
Point to be considered under the reviews : Objectives, Scope and
Findings of the literature
Concept of Pilot Study of the literature.

Unit – 3 Testing of Hypothesis

Concepts and Techniques

Unit – 4 Citation Techniques

Style Manual – Chicago, MLA, APA etc.
Concept of Ibid and Op. cit.
Concept of the Scope in future in subject under study

Unit – 5 Current Trends in LIS

Current trends in Library and Information Science
LIS research scenario

Books Recommended for Study (Ph.D Works)

1. Awad, E. M. *System Analysis and Design*. 2nd Ed. New Delhi. Goltatia Publication Ltd. 2000.
2. Bryson, J. O. *Effective Library and Information Centre Management*. USA. Gower Publishing Company . 1980.
3. Chandra, A and Saxena, P. *Style Manual for Writing Thesis, Dissertations and Papers in Social Science*. Delhi. Metropolitan Book Co. Pvt. Ltd. 1979. Krishan Kumar . *Research Methods in Library and Information Science*. New Delhi. Har Anand Publication, 1999.
4. Chaudhary, G. G. *Text Retrieval System in information Management*. New Delhi. New Age International . 1996. Kothari, C. R. *Research Methokology: Methods and Techniques*. New Delhi. Weily Estern Limited. 1985.
5. Davis, Gordon B. & Olson, Margreth H. *Management Information Systems : Conceptual Foundations, structure and Development*. 2nd Edition. New York. McGraw Hill Book Company. 1984..
6. Eisenberg, M.B. & Lowe, C.A. *Information Litercy: Essential Skills for the Information Age*. 2nd Ed. USA, Greenwood Publishing Group. 2004.
7. Gorman, G.E. and Clayton, P. *Qualitative Research for Information Professionals: A Practical Handbook*.
8. Goswami, M . *Research Methodology in Library Science*. New Delhi. Common Wealth Publications. 1995.
9. Gopinath, M. A. *Preparation of an Index to a Book: Case Study Library Science with a slant to Documentation* . 1967.
10. Gerald, J. F. and Gerald, A. F. *Fundamentals of System Analysis : Using Structured Analysis and Design*, 3rd Ed. New York. John Wiley & Sopns. 1987.
11. Gupta, S. *Research Methodology and Statistical Techniques*. New Delhi, Deep & Deep Publication Pvt .Ltd .2005.
12. Girdhari, D.G. *Research Methodology in Social Sciences* .Aurangabad, Uday Publication. 2002.
13. Hirwade ,Anil w. and Liewade ,Mangala A. *Chicago Style Manual*. Nagpur , Payal Publication. 2008.
14. Hirwade ,Mangala A. *Website Of Indian Universites*. Nagpur , Himalya Publication. 2007.
15. Hirwade ,Mangala A. and Hirwade Anil W. *Information Technology Manual (LIS)*. Himalya Publication. 2008.
16. Hussain, K. M. and Hussain, D. *Information Systems: Analysis Design and Implementation* . New Delhi. Tata McGraw Hill. 1995.
17. Jones, Rodney, H. & Hafner, Christoph A. *Understanding Digital Literacy: A Practical Introduction*. 2010.
18. Jain, M.K. *Research Methodology and Statistical Techniques*. New Delhi, Shree Publishers & Distributors. 2009.
19. Khanna, J. K. *Handbook of Library and Information Systems and Services*. New Delhi. 1996.

20. khanna,J.K. *Knowledge - Evolution, Structure & Research Methodology*. New Delhi, Ess Ess Publications.1985.
21. Krishnan Kumar. *Research Methods in Library and Information Science*.New Delhi. Har Anand Publication,1999.
22. Kothari,C.R. *Research Methodology :Methods and Techniques* . 2nd Ed.New Delhi, New Age International Pvt.Ltd.2007.
23. Kumar,Anil. *Research Methodology A Survey*. New Delhi, Alfa Publishers.2008.
24. Kumar, P. S. G. *A Student's Manual of Library and Information Science*. New Delhi. B. R. Publication House. 2002.
25. Kumar, P. S. G. *Computerisation of Indian Libraries*. New Delhi. B. R. Publishing. 1987.
26. Kumar, P. S. G. *Fundamentals of Information Science*, New Delhi. S. Chand & Co., 1998.
27. Kumar,Ranjit. *Research Methodology :A Step-By Step Guide For Beginners* , 4th, 2008.South Asia, Pearson Education P. Ltd.
28. Lancaster, F. W. *Vocabulary Control for Information Retrieval*. New York. Information Resources Press. 1972.
29. Lanning, Scotf. *Concise Guide to Information Literacy*. California. ABC-CLIO, LIC. 2012.
30. Laudon, Kenneth C & Laudon, Jane Price. *Management Information Systems: Organization and Technology*. 4th Ed. New Delhi. Prentice'Hall of India. 2000.
31. Lihitkar,S.R. *Information Systems and Network in India*.New Delhi ,Today & Tomarrow's Printers and Publishers.2012.
32. Mohanti,T.C. *Research Methodology in Library Science*. New Delhi, alfa Publications.2008.
33. Nikose, Satyaprakash. *Granthalya Ani Mahitishashra : Sanshodhan Paddhati*. Nagpur, Pradhnya Prakashan . 2007. (Marathi Language)
34. Nikose, Satyaprakash. *Aadhunik Granthalayache Vyawasthapan*.Nagpur, Pradhnya Prakashan . 2006. (Marathi Language)
35. Oliver,Paul. *Writing Your Thesis* . 2nd Ed.New Delhi, Sage Publication India Pvt.Ltd.2008.
36. Pande,G.C. *Research Methodology in Social Science* . New Delhi, Anmol Publication Pvt. Ltd.1989.
37. Ravichandra Rao,I. K. *Quantitative Methods for Library and Information Science*. New Delhi. Wiley Eastern Limited. 1983.
38. Ravichandra rao, I. K. *Library Automation*. New Delhi. Wiley Eastern. 1993.
39. Reddy, T. Subby. *Research Methodology and Statistical Measures*. New Delhi, Reliance Publishing House .1995.
40. Rahim,F.A. *Thesis Writin;:A manual for Researchers*. New Delhi, Sage Publication India Pvt.Ltd.1996.
41. Rawat,P.P.and Kumar,T. *Encyclopedic Dictionary of Library Science and Information Technology* .vol-1(A-K),vol -2 (L-Z). New Delhi,Crest Publishing House .2002.
42. Seetharama, S. *Information Consolidation and Repackaging*. Nes Delhi. Ess Ess Publications. 1997.
43. Sharma, U. C. *The Informeter : Measuring Library Cost Effectiveness*. New Delhi : Ess Ess Publication. 1999.

44. Sing,Sadhu. ***Research Methodology in Social Sciences***. 4th Ed. Bombay, Himalaya Publishing House .1996.
45. ***Style Manuals : MLA, APA, Chicago Style Guide, etc*** (All Guidelines are available on Internet).
46. Taylor,Bill. ***Research Methodology :A Guide for researchers in management and social science***. New Delhi, Prentice-Hall of India Pvt. Ltd. 2006.
47. Thakur,D. ***Research Methodology in Social Sciences*** . New Delhi, Deep & Deep Publications Pvt. Ltd .2005.
48. Tseng, G and Others. ***The Library and information professional guide to the Internet***. London. Library Association Publishing. 1996.
49. Verma,S.R. ***Universe of Knowledge & Research Methodology*** . New Delhi, Shree Publishers & Distributors.2006.
50. Vickery, B. C. & Vickery, A. ***Information Science in Theory and Practice***. London. Butterworth, 1987.
51. Wadhawa, R. K. ***Management Information Systems and Corporate Communication*** . New Delhi. Kanishka Publication Publisher. 1998.
52. Wikinson, T.S. and Bhandarkar P. L. ***Methodology and Techniques of Social Research***. Bombay. Himalaya Publishing House, 1984.

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