


SARDAR PATEL UNIVERSITY
M. PHIL IN LIBRARY & INFORMATION SCIENCE
[EFFECT FROM: 2018-2019]
SEMESTER: I
CBCS Code: MA01CLIB23
RESEARCH METHODOLOGY – I

- UNIT-1 LIBRARY & INFORMATION SCIENCE RESEARCH
- Nature and Historical Background, Characteristics of Research
 - Basic types of Research, Research for Ph. D
 - Objectivity in LIS Research, Recent trends in LIS research with special reference to India.
 - Social Science Res. in digital era.
 - Research ethics – plagiarism and its preventive measures
- UNIT-2 BIBLIOMETRICS, SCIENTOMETRICS & INFORMATICS
- Bibliographic Coupling, Obsolescence
 - Citation Analysis, h-index
 - Webometrics, Info metrics, Scientometrics, Altmetrics

SELECTED READING LIST:

1. BUSHA (Charles H) and HARTER (Stephen P). Research Methods in Librarianship: Techniques and Interpretation. New York: Academic Press, 1980.
2. BUSHA (Charles H): Research Methods. In Encyclopedia of Library and Information Science. V01.25 254-293; Kent, Allen and Harold ed. New York: Marcel Dekker.
3. GOPAL (M.H.): An Introduction to Research Procedure in Social Science. Bombay: Asia, 1964.
4. GROGAN (D.T.): Science and Technology and Information Literature.
5. GOODE (William) and HAIT (Paul K): Methods in Social Research. New York: Mac-graw Hill, 1952.
6. KUMAR (Krishna): Research Methods in Library and Information Science. New Delhi: Vikas, 1992.
7. MAURICE (B.Line): Library Surveys: An Introduction to the use, planning, procedure and presentation of surveys. 2nd ed. London: Bingley, 1982.
8. RAVICHANDRA RAO (I.K.): Qualitative Methods for Library and Information Science. New Delhi: Wiley Easton, 1985.
9. SEETARA. Current Research in library and information science. Y.K. Publishers.
10. Solomon (I.L.) Basic Research Methods in Social Sciences, 1989
11. Basic Statistics for Librarians, 1988.
12. STEVENS (Ronald E): Research methods in Librarianship London: Bingley, 1971
13. WARD (Patricia Layzell): Introductory Guide to Research in Library and information studies in the UK London Library Associations, 1975.
14. YOUNG (Pauline V): Scientific Social Survey and Research. New Delhi: Prentice Hall, 1984.


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15. SEHGAL (R.L.): Applied Statistics for Library Science Research Vol.1 & 2, Ess Ess publication.
16. RAVICHANDRA RAO: Quantitative Methods for library and Information Science, Wiley eastern Ltd.
17. GUPTA (S.P.): Statistical Methods.
18. RAO (I.K.) Workshop on Informatics & Scientometrics, ISI, Bangalore.
19. Nick Moore & Martin Hesp. The Basics of writing reports etc. London: Bingley, 1985.
20. Simpson, J.L. Basic research methods in social sciences. New Delhi. 1969.
21. Powell, Ronald R. Basic research methods for librarians. Nor- Wood: Ablex, 1985.
22. Mary Lee, Bundi. Reader in Research methods for librarianship: Greenwood Press.




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INFORMATION SOURCES, SERVICES, MANAGEMENT OF INFORMATION
SYSTEM - I

- UNIT-1 SOCIAL IMPACT OF INFORMATION & COMMUNICATION
TECHNOLOGY
- Concept
 - Security of Information
 - Computer Crime
 - Intellectual property right
 - Fair use Right to Information
 - National Knowledge Commission
- UNIT-2 ECONOMICS OF INFORMATION AND INFORMATION ECONOMICS
- Information as a commodity, cost, price & value of Inf. Economy
 - Information as resources and factors of production
 - Economics of information, sources and production: Inf. Economy- Inf.
Topologies & Industry.

SELECTED READING LIST:

1. John Cowley, Personnel Management in Libraries. London: Bingley, 1982.
2. Blaise Cronin, Information Management; from strategies to action. London: Aslib, 1985.
3. G. Edward Evans, Management Techniques for Librarians. 2nd ed. New York: Academic Press, 1983
4. Noragh Jones & Peter Jordan, Staff Management in library and information work. Aldershot: Gower, 1982.
5. Donald Mason, Information Management. Stevenage: parengrinus, 1978.
6. Donald W King, ed. Key Papers in the design and evaluation of information systems. White Plains: Knowledge Industry, 1978.
7. Narayan, G.J. Library and Information Management. New Delhi: PHI, 1991.
8. Chapman, Edward A. Pierre, Paul L. St. and Lubans, John, Jr, Library systems Analysis Guidelines. New York: Wiley inter Science, 1970.
9. Bryson, Jo. Effective Library and Information Centre Management Aldershot: Gower, 1990.
10. Roberts, Stephens A. Ed. Costing and the economic of library and information services. London: Aslib, 1998.
11. Rizzo, J.R. Management for Librarians : Fundamentals and issues. West Port: Green Wood Press, 1980.
12. Lancaster, F.W. The Measurement and Evaluation of library Services, Washington : Information resource Press, 1977.


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14. Ellis, Debbie and Norton Bob. Impleming BS5750 ISO9000 In Libraries. London: Aslib,1993.
15. Underwood,Peter G. Managing change in libraries and information services : A System Approach. London : Clive Bingley,1990.
16. Maclachalan,Liz. Making project management work for you. London : LA,1996.
17. Thornhill, Adrians and Others. Managing Change. Delhi : Addison Wisley Longman,2000.
18. Stephen P.Robbins & Davia A Decenzo. Fundamentals of Management.Delhi : Pearson Education,2001.
19. Roshan,Raina. TQM in Library & information Services. New Delhi :Infuse,1999.
20. V.Rama Raman. Analysis and Design of Information Systems. New Delhi: PHI,1991.
21. Elias M Awad. Systems Analysis and Design. New Delhi : Galgotia,1995.
22. Barbara Allan.Project Management : Tools and Technoques for Today's LIS Professional. London : Facet Publishing,2003.
23. John M Cohn. Planning for Intrgrated Systems and Technologies : A how to do it manual for Librarians. 2nd rev.ed. London: Facet Publishing,2002.



U/C Head
Library & Information Science
Hotel University
Vidyanagar-533 120

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SEMESTER: I

CBCS Code: MA01CLIB25
INFORMATION TECHNOLOGY APPLICATION

Unit - 1 Web and Search Engine Optimization (SEO)


- Introduction to Web 2.0 and Web 3.0
- Search Engine Optimization (SEO):
 - o Search and Intention
 - o Techniques to search content
 - o Search Engine Functions
 - o Search Engine Result Page (SERP)
 - o Horizontal and Vertical (Blended) Search
 - o Examples of Popular Search Engines
 - o Studying User Eyeballs and Clicks over Search Engine
 - o Introduction to SEO
 - o Search Engine – Benefit and Limitations
 - o On-page Optimization
 - o Off-page Optimization
 - o Do's and Don'ts for Web Page with respect to SEO

Unit-2 Digital Technology Application in LIS

- Introduction
- Hardware, Software for Digital Technology
- Mechanisms of Digitization
- Storage & Access of Digital Material
- E-print
- DSPACE
- KOHA
- GREENSTONE
- Standard Backup Practices
- Digital Content Conversion Format: Scanning and OCR, Image Editing Software

SELECTED READING LIST:

1. Dowling, K. The Electronic Library. New York: Neal Schuman, 1984.
2. Forester's. Ed. The Information Technology Revolution. Oxford Blackwell, 1985.
3. Kelleher, Kathleen & Cross, Thomas B. Teleconferencing: Linking Propel together electronically. Englewood Cliffs: Prentice-Hall, 1985.
4. King, Donald W. Ed. Telecommunications and libraries: A Primer for libraries and information managers. White Plains: Knowledge Industry, 1981.
5. Vervest, Peter. Electronic Mail & Message handling. London: Printer, 1985.
6. Zorkory, Peter and Heap, Nicholas. Information Technology : An Introduction,
7. The Hindu Speaks on Information Tchnology. Madras: Kasturi & Sons, 1993.
8. Groucher, Phill. Communication & Networks. 2nd ed. New Delhi: Affiliated East-west, 1995.


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9. Ric, Elaine and knight, Kevin. Artificial Intelligence. 2nd ed. New Delhi: TMI-t, 1994.
10. Kaul, H.K. Information Networks: An Indian experience. New Delhi: Virgo, 1992.
11. Chad, R.K. and Gupta, S.R. Ed. Information Technology. New Delhi: Santa, 1995.
12. Black, U. Emerging Communication Technologies. New Delhi: PHI, 1994.
13. Jeffcote, J. Multimedia in practice. New Delhi: PHI, 1994.
14. Ford, Nigel. Expert Systems and Artificial Intelligence.



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