

**LIS17101CR FOUNDATIONS OF LIBRARY AND INFORMATION SCIENCE
(4 Credits)**

Credit Pattern

Lecture	Tutorial	Practical	Total
3	1	0	4

Objectives

- To acquaint students with the library as a social institution for knowledge generation, creation and dissemination
- To make understanding of the philosophical and social foundations of Library and information centers.

Unit I

- 1.1 Library: Basic concept with Historical foundation of libraries.
- 1.2 Types of libraries and their distinguishing features.
- 1.3 Information society: Genesis, Characteristics and implications.
- 1.4 Library: Role in contemporary Society.

Unit II

- 2.1 Five Laws of Library Science: Foundation and Implications.
- 2.2 Library development in India with particular reference to post Independence period.
- 2.3 Library legislation – Need and purpose. Library legislation in India – problems and prospects.
- 2.4 Intellectual Property Right: Basic Concept and issues with special emphasis on copyright Act in Indian context

Unit III

- 3.1 Profession: Concept and attributes.
- 3.2 Librarianship: Professional ethics
- 3.3 Professional Associations
 - 3.3.1 National Associations in India: ILA, IASLIC, IATLIS and SIS
 - 3.3.2 International and other important Associations: IFLA, CILIP (UK), ALA (USA)
- 3.4 Library and information Science education and research in India

Unit IV

- 4.1 Role of International promoters for development of Libraries:
 - 4.1.1 United Nations Educational, Scientific and Cultural Organization (UNESCO)
 - 4.1.2 Online Computer Library Centre (OCLC)
- 4.2 Role of National level promoters
 - 4.2.1 Raja Ram Mohan Roy Library Foundation(RRRLF)
 - 4.2.2 University Grants Commission (UGC, New Delhi)
 - 4.2.3 Information and Library Network (INFLIBNET) and overview of other developing networks in India
- 4.3 Extension Services: Concept and methods.

Suggested Readings

- Aggarwal, U. K(Ed).(1999). *Twentieth Century Library Legislation in India*. Udaipur: Shiva publication.
- Atkinson, Frank. (1974).*Librarianship: An introduction to the profession*. London: Bingley.
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- Velaga V. &Madhusudhan, M. (2006). *Public Library legislation in the new millennium: New Model Public Library Acts for the Union*. Bookwell.
- Venkatappiah, V. (1990).*Indian Library Legislation (2 Vol.s)*. Delhi: Daya Publications.
- Verma, S. R. (2005). *Foundations of library and information science*. New Delhi: Shree Publishers & Distributors.
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Websites (Illustrative) :

American Library Association. Available at

<http://www.ALA.org>

IFLA. Available at

<http://www.IFLA.org>

Information Library Network. Available at

<http://www.inflibnet.ac.in>

United Nations Education Scientific and Cultural Organization

<http://unesco.org>

University Grants Commission. Available at

<http://www.ugc.ac.in>

LIS17102CR -KNOWLEDGE ORGANISATION & DISCOVERY
(Theory and Practice)
(4 Credits)

Credit Pattern

Lecture	Tutorial	Practical	Total
2	0	2	4

Unit I

- 1.1 Classification: Terminology, Purpose and Species.
- 1.2 Universe of Knowledge: Attributes and Representation in leading schemes of Classification.
- 1.3 Five Fundamental Categories, Rounds and Levels

Unit II

- 2.1 Modes of Formation of Subjects
- 2.2 Notation: Purpose, qualities and capacity increasing devices
- 2.3 Principles of helpful sequence (An Overview)

Unit III

- 3.1 Introduction to DDC with special reference to Standard Subdivisions (Table 1), Areas (Table 2), Subdivisions of Individual Literature (Table 3).
- 3.2 Description of Subdivisions of Individual Languages (Table 4), Racial, Ethnic and National Groups (Table 5), Languages (Table 6) and Persons (Table 7)
- 3.3 Synthesis of number for simple and compound subjects using DDC

Unit IV

- 4.1 Multiple syntheses using DDC
- 4.2 Derivation of Book number using Cutter Three- Figure Author Table

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Websites (Illustrative):

OCLC. (2012). *DeweyDecimalClassification*. OCLC. Available at

<http://www.oclc.org/dewey/>

OCLC. (2012) *WebDewey*. Available at

<http://www.oclc.org/dewey/resources/tutorial/>

LIS17103CR-LIBRARY OPERATIONS

(4 Credits)

Credit Pattern

Lecture	Tutorial	Practical	Total
3	1	0	4

Objective

- To acquaint with essential routines and operations performed in various types of libraries for providing effective services.

Unit I

- 1.1 Different Operations: Mechanism and components.
- 1.2 Collection Development: Purpose and Policy.
- 1.3 Selection: Principles.
- 1.4 Selection tools: print and non-Print Materials.
- 1.5 Acquisition: Mechanism of Procurement, functions.
- 1.6 Problems in Acquisition.

Unit II

- 2.1 Technical Processing: Need, Role and procedure.
- 2.2 Accessioning.
- 2.3 Classification.
- 2.4 Cataloguing.
- 2.5 Labeling.
- 2.6 Shelving and Display.
- 2.7 Maintenance.

Unit III

- 3.1 Serials: Concept and types.
- 3.2 Serials: Selection and Procurement
 - 3.2.1 Planning.
 - 3.2.2 Selection.
 - 3.2.3 Ordering.

- 3.2.4 Problems and Issues.
- 3.3 Traditional Serial Control Systems.
- 3.4 Automated Systems.

Unit IV

- 4.1 Circulation: Concept, Need and Functions.
- 4.2 Charging and Discharging Systems: Traditional and Modern Systems.
- 4.3 Care and Preservation.
 - 4.3.1 Common Sources of danger to Documents: Physical, Chemical and Biological factors and Preventive Measures.
 - 4.3.2 Digital Preservation: Concept, importance and measures.
- 4.4 Stock verification: Methods and Tools
- 4.5 Stock Evaluation and weeding.

Suggested Readings

- Boss, R. W., & American Library Association. (2003). *RFID technology for libraries*. Chicago, Ill: American Library Association.
- Chapman, L (2004). *Managing Acquisitions in Library and information Services (Rev ed)*. London: Facet Pub.
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LIS17104DCE PUBLIC LIBRARY SYSTEM

4 credits

Credit Pattern

Lecture	Tutorial	Practical	Total
3	1	0	4

Objectives

- To foster the development of professional knowledge to successful public librarianship
- To educate and train about range of professional challenges associated with public library administration and management

Unit I

- 1.1 Public Library: Concept, Origin and Growth
- 1.2 Role of Library Associations and Organizations in Development of Public Library System at National: RRRLF, ILA & International Level: IFLA, UNESCO.
- 1.3 National Library Policy and Library Legislation
- 1.4 Public Library system in relation to mass education: Political, industrial, economic life, Cultural advancement and Youth Development

Unit II

- 2.1 Development Plans and Resource Mobilization: Private-Public Partnership.
- 2.2 Architecture Planning and Administration of Public Libraries
- 2.3 Collection Development and Management: Emerging Trends: E-Consortia, Free and Open Access Sources.
- 2.4 Public Library Norms, Standards and Guidelines
- 2.5 Role of Advocacy and Pressure Groups in Public Library Development.

Unit III

- 3.1 Library Services and Activities: From Reactive to Proactive: Conservative Services, Outreach services, Online Services etc.
- 3.2 Resource Sharing and Public Library Grid
- 3.3 Public Libraries and Internet Public Access Models
- 3.4 Public Library 2.0

Unit IV

- 4.1 Automation and ICT: Current application and future trends in public libraries
- 4.2 Open Source Software for Public Libraries: Features and Utilities
- 4.3 Designing a model Digital Public Library for
 - 4.3.1 Children,
 - 4.3.2 Young,
 - 4.3.3 Old and
 - 4.3.4 Physically Challenged
- 4.4 Case Study of Digital Services of Model Public Libraries

Suggested Readings

Adams, H. R. (2005). *Privacy in the 21st century: Issues for public, school, and academic libraries*. Westport, Conn: Libraries Unlimited.

Agarwal, U.K. (1994). *Public library Services in India*. New Delhi: Himanshu Pub.

Bertot, J. C., Jaeger, P. T., & McClure, C. R. (2011). *Public libraries and the Internet: Roles, perspectives, and implications*. Santa Barbara, Calif: Libraries Unlimited.

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Creating public paradise: Building public libraries in the 21st century. (2004). Leidschendam: BiblionUitgeverij.

Curran, K., Murray, M., & Christian, M. (January 01, 2007). Taking the information to the public through Library 2.0. *Library Hi Tech*, 25, 2, 288-297.

Elliott, Donald S., et al (2007). *Measuring your library's value: how to do a cost-benefit analysis for your public library.* Chicago :American Library Association

Furlong, J. T. (2002). *The bottom line: Managing library finances.* Bradford, England: Emerald Group Pub.

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Waller, Vivienne. (2012). Legitimacy for large public libraries in the digital age *Library Review* V57(5): pp: 372-385. Available at <http://www.emeraldinsight.com/Insight/ViewContentServlet?contentType=Article&FileName=Published/EmeraldFullTextArticle/Articles/0350570504.html>

Woodrum, P. (1989). *Managing public libraries in the 21st century*. New York: Haworth Press.

Yarrow, A., Clubb, B., & Draper, J.-L. (2008). *Public libraries, archives and museums: trends in collaboration and cooperation*. The Hague: International Federation of Library Associations and Institutions.

LIS17105 DCE-SCHOOL LIBRARY SYSTEM
(4 credits)
Credit Pattern

Lecture	Tutorial	Practical	Total
3	1	0	4

Objectives

- To provide an overview of principles and practices in school library systems.
- To understand the challenging roles of school libraries and media specialists.

Unit I

- 1.1 School Library System: Basic Concept.
- 1.2 Major objectives of School Libraries.
- 1.3 Components of School Libraries.
 - 1.3.1 Collection.
 - 1.3.2 Basic Infrastructure.
 - 1.3.3 Staff

Unit II

- 2.1 Role of School libraries in promoting and supporting Education.
- 2.2 Role of School Librarian.
- 2.3 Qualities of School Librarian.

Unit- III

- 3.1 Management of School Libraries.
- 3.2 Services provided by school library
- 3.3 Major Problems Faced by School Libraries.

Unit IV

- 4.1 Impact of ICT on School Libraries.
- 4.2 School Library Automation
- 4.3 Internet and school libraries with emphasis on important search engines for different age groups.

Suggested Readings

American Library Association. (1961). *Remodeling the elementary school library: Manual for filmstrip*. Chicago: American Library Association.

Andronik, C. M. (2003). *School library management*. Worthington, Ohio: Linworth Pub.

Brophy, P. (2005). *The academic library*. London: Facet Pub.

Budd, J. (2005). *The changing academic library: Operations, cultures, environments*. Chicago: Association of College and Research Libraries.

Christian, A. R. (2013). *Academic library management: Universities, colleges and institutions* Jaipur: Vista Publishers

Cohen, L. B. (2007). *Library 2.0 initiatives in academic libraries*. Chicago: Association of College and Research Libraries.

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LIS17106DCE-ORIENTAL LIBRARY SYSTEM
(4 Credits)

Credit Pattern

Lecture	Tutorial	Practical	Total
3	1	0	4

Objectives

- To understand development and emergence of oriental libraries, value of their Collection and preservation etc.
- To plan, maintain and work in oriental library.

Unit I

- 1.1 Oriental Libraries: Concept, Growth and Development
- 1.2 Select Oriental Library at Global Level

UnitII

- 2.1 Organization of oriental literature
- 2.2 Metadata standards for digitized manuscripts and other oriental literature.
 - 2.2.1 Dublin core
 - 2.2.2 Encoded Archival Description
 - 2.2.3 TEI P5 Manuscript Description for Cataloguing Digitized Manuscripts.

Unit III

- 3.1 Historical perspective of Preservation and conservation
- 3.2 Rehabilitation of documents
- 3.2 Digitization: Basics & IFLA guidelines

Unit 1V

- 4.1 Preservation of manuscripts
- 4.2 Preservation program of manuscripts:assessment of initiatives in India
- 4.3 Preservation program: challenges and issues

Suggested Readings:

Amjid, Ali. (2004). *Oriental Libraries of India and Their Collections*, New Delhi: EssEss Publications

Amjid, Ali. (2005). *Oriental Manuscripts Worldwide*, New Delhi: EssEss Publications.

BirgittaRuth., Bordin, Anderson. ,& Warner, Robert Mark. (1966). *The modernmanuscript library* :
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Dana, John Cotton. (1907). *A brief outline of the history oflibraries*, A.C. McClurg Harvard
University

Deegan ,Marilyn. , & Tanner, Simon .(2006).*Digital preservation*, Michigan :Facet pub. (NA)

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Websites (illustrative):

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- Cambridge University Library Available at
www.lib.cam.ac.uk/
- Indira Gandhi National Centre for the Arts , Available at
www.ignca.nic.in/
- KhudaBakhsh Oriental Public Library , Available at
kblibrary.bih.nic.in/

- Rampur Raza Library , Available at
razalibrary.gov.in/
- Royal Asiatic Society London, Available at
www.royalasiaticsociety.org/
- The British Library - The world's knowledge, Available at
www.bl.uk

**LIS17107DCE-HEALTH INFORMATION SYSTEM: INTRODUCTION TO HISTORY AND
POLICIES
(4 Credits)**

Credit Pattern

Lecture	Tutorial	Practical	Total
3	1	0	4

Objective

- To understand the working procedures and policies of Health Information Systems

UNIT I

- 1.1 Health and Healthcare Information: Introduction
- 1.2 Health Information Systems: Overview
- 1.3 History and Evolution of Health Care Information System

UNIT II

- 2.1 Health Informatics as a Discipline
- 2.2 Health Informatics as a Profession
- 2.3 Health Information System: Models

Unit III

- 3.1 Health Information Technology
- 3.2 Information Technology Adoption & Challenges
- 3.3 Quality of Health Information Systems

Unit IV

- 4.1 Health information systems in developing countries: benefits, problems, and prospects
- 4.2 Public health and Web 2.0
- 4.3 Knowledge, Attitude and Practice of Health Information System

Suggested Readings

Anna D. Cleveland & Donald B. Cleveland. (2009). *Health Informatics for Medical Librarians*. New York: Neal-Schuman Publishers

Kathryn J. Hannah & Marion J. Ball. (Series Editor). (2011). *Health Information Systems Architectures and Strategies*. London: Springer.

- Lyn Robinson. (2010). *Understanding Healthcare Information*. London: Facet Publishing.
- M Sandra Wood. (2008). *Introduction to health science librarianship*. London: Routledge, Taylor and Francis.
- Pacific Health Information Network. (n.d). *Health Information Systems (HIS)*. Available at:
<http://phinetwork.org/resources/health-information-systems-his/>
- Rajesh Kumar Sinha & Archana Sinha. (2015). Knowledge, Attitude and Practice of Health Information System. *Journal of Health Management*, 17(4) 425–437. DOI: 10.1177/0972063415606268
- World Health Organization. (2008). *Health Information Systems*. Available at:
http://www.who.int/healthinfo/statistics/toolkit_hss/EN_PDF_Toolkit_HSS_InformationSystems.pdf

LIS17108DCE-INFORMATION TECHNOLOGY - THEORY

(4 credits)

Credit Pattern

Lecture	Tutorial	Practical	Total
3	1	0	4

Objective

- To familiarize with basic concepts and components of Information technology, software tools and database management systems useful for information management.

Unit I

- 1.1 Information Technology: Foundation & components.
- 1.2 Computer: Genesis, Components & Functions.
- 1.3 Computer: Development & Generations.
- 1.4 Peripheral Devices:
 - 1.4.1 Memory: Primary and Secondary.
 - 1.4.2 Storage Devices, Communication Devices, Multimedia Devices.

Unit II

- 2.1 Operating System: Genesis, Development and Functions.
- 2.2 MS DOS: Introduction, Structure and Commands.
- 2.3 Windows: Features.
- 2.4 Linux: Features and brief commands.
- 2.5 Windows NT: Components and Features.
- 2.6 SERVER: Functions & Client Server Architecture

Unit III

- 3.1 Programming: Fundamentals.
- 3.2 Algorithm and Flowcharts.
- 3.3 Programming Languages: Tools.
- 3.4 Generations of Programming Languages: An Overview

Unit IV

- 4.1 MS-Word, MS-Excel, MS-PowerPoint.
- 4.2 DBMS and RDBMS: concepts, structure, applications.
- 4.3 MS Access: Features, design and query formulation.
- 4.4 Bibliographical Database: ISIS family (CDS/ISIS and WINISIS.)

Suggested Readings:

- Aswal, R.S. (2003). *CDS/ISIS for windows: A Handbook for Librarians*. New Delhi: EssEss Pub.
- Clarke, A. (2005). *IT Skills for successful Stud*. New York: Palgrave Macmillan.
- Date, C.J. (2004). *An introduction to database systems*. Boston: Pearson Addison Wesley.
- Desai, B. C. (2003). *An introduction to database systems*. St. Paul: West Pub.
- Dixit, J.B. (2006). *Fundamentals of Computers and Programming in C*. Bangalore: Laxmi Pub.
- English, S., & English, S. (2007). *Excel 2007*. Rochester, NY: Axzo Press.
- Fehily, C. (2005). *Windows XP*. Berkeley, Calif: Peachpit.
- Fehily, C. (2007). *Microsoft Windows Vista*. Berkeley, Calif: Peachpit.
- Gunter, S. K. (2007). *Microsoft Office 2007 simplified*. Hoboken, NJ: Wiley.
- Gunter, S. K. (2007). *Teach yourself visually Office 2007*. Indianapolis, IN: Wiley Pub., Inc.
- Hart-Davis, G. (2011). *Office 2010 made simple*. New York: Apress.
- Harvey, G. (2010). *Excel 2010 all-in-one for dummies*. Hoboken, NJ: Wiley Pub.
- Horowitz E. (1995). *Fundamentals of Programming Languages*. New Delhi: Galgotia

Leon, A & Leon M. (1999). *Fundamentals of information technology*. Chennai:LeonVikas Pub

MacDonald, M. (2010). *Excel 2010*. Beijing: O'Reilly.

Marmel, E. J. (2013). *Teach yourself visually Office 2013: The fast and easy way to learn*. Indianapolis, IN: John Wiley & Sons, Inc.

Mathews, M. S.(2003) .*Windows Server 2003: A beginner's guide*. New York: Mc Graw-Hill/Osborne.

Mathews, M. S., & Mathews C. (2007) *Microsoft Office Word 2007Quicksteps*. New York: McGraw-Hill.

Mathews, M.S.,&Cronan, J. (2005).*Microsoft Office Word 2003*.New York: Mc Graw Hill.

Matthews, C. B., Matthews, M. S., &Cronan, J. (2010). *Microsoft Office 2010 quicksteps*. New York: McGraw-Hill.

Matthews, M. S. (2013). *Windows 8*. New York: McGraw-Hill.

McFedries, P. (2009). *Teach yourself visually Windows 7*. Indianapolis, IN: Wiley Pub.

McFedries, P. (2009). *Windows 7 simplified*. Indianapolis, IN: Wiley Pub.

McFedries, P. (2012). *Teach yourself visually Windows 8*. Hoboken, N.J: Wiley.

McFedries, P. (2012). *Windows 8 simplified*.Indianapolis, IN : John Wiley & Sons, Inc., [2012] ©2012

Muir, N. (2007). *Teach yourself visually Excel 2007*. Hoboken, N.J: Wiley.

Nair, R. (1998). *Basics of CDS/ISIS for DOS*.Delhi: D.K .Pub.

Neelamejhan, A. (2004) .*TUTOR+ A learning and teaching package in hypertext link commands in WINISIS*.Bangalore: Sarada Ranganathan Endowment.

Pogue D. (2006). *Windows XP for starters*.Sebastopol, CA: Pogue.

Pogue, D. (2010). *Windows 7*. Sebastopol, CA: O'Reilly Media.

Pogue, D. (2013). *Windows 8*.Beijing ; Sebastopol, CA O'Reilly, [2013]

Rathbone, A. (2004). *Windows XP for dummies*. Hoboken, NJ: Wiley Pub.

Rathbone, A. (2009). *Windows 7 for dummies*. Hoboken, N.J: Wiley.

Rathbone, A. (2012). *Windows 8 for dummies*. Hoboken, N.J: John Wiley & Sons.

Ray A. K, Acharya T. (2004). *Information Technology: Principles and applications*. New Delhi: Prentice Hall.

Ritchie, C. (2003). *Operating Systems Incorporating Unix and Windows*. New Delhi: BPB Pub.

Rob, P. (2007). *Database Systems: design, implementation, and management*. Boston, Mass: Thomson/Course Technology.

Rutkosky, N., & Seguin, D. (2004). *Microsoft PowerPoint 2003*. St.Paul, MN: EMC /Paradigm.

Rutkosky, N.,& Seguin, D. (2004). *Microsoft Access 2003*. St. Paul, MN: EMC/Paradigm.

Rutkosky, N.,& Seguin, D. (2004). *Microsoft Excel 2003*. St. Paul, MN: EMC/Paradigm.

Schwartz, S. A. (2013). *Microsoft office 2013*. Berkeley, Calif.: Peachpit Press.

Schwarz, M. (2002). *Multitool Linux: Practical uses for open source software*. Boston: Addison-Wesley.

Senn, J. A. (2004). *Information Technology: Principles, Practices, and opportunities (3rd ed)* .N.J: Pearson Prentice Hall.

Shelly, G. B., Cashman, T. J., & Forsythe, S. G. (2001). *MS Windows XP: Introductory concepts and techniques*. Cambridge, Mass: Course Technology.

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Shoup, K. (2010). *Teach yourself visually Office 2010*. Indianapolis, Ind: Wiley Pub., Inc.

Stephen, M. (2007). *Excel 2007*. London: Teach Yourself.

Tanenbaum, A .(2001). *Modern Operating Systems*. N.J: Prentice Hall.

Turban, E .(2005). *Introduction to information technology*. New York: John Willey.

Ulrich, L. A. (2003). *How to do everything with Microsoft Office 2003*. Newyork: McGraw Hill

Wang, W. (2007). *Office 2007 for dummies*. Indianapolis, Ind: Wiley.

Wang, W. (2010). *Office 2010 for dummies*. Hoboken, N.J: Wiley.

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LIS17109GE-CITATION AND REFERENCING TECHNIQUES
(2 Credits)

Credit Pattern

Lecture	Tutorial	Practical	Total
01	01	0	02

Objective

- To have an understanding of various citation styles in the scholarly communication procedures.

UNIT I

- 1.1 Citations and References: Definition and need
- 1.2 Citation and Referencing Principles
- 1.3 Citation Reference Styles

UNIT II

- 2.1 Bibliographic and Descriptive Elements of References
- 2.2 Prominent Citation Styles
 - 2.2.1 APA
 - 2.2.2 MLA
 - 2.2.3 Chicago
- 2.3 Citation conversions & Reference Management Tools: An Overview

Suggested Readings

- Bailey, S. (2003). *Academic writing: A practical guide for students*. England: Nelson Thornes Ltd.
- De Silva, P. U. K. & Vance, C. K. (2017). *Scientific Scholarly Communication The Changing Landscape*. Switzerland : Springer.
- Fox, T., Johns, J., & Keller, S. (2007). *Cite it right: The SourceAid guide to citation, research, and avoiding plagiarism*. Osterville, MA: SourceAid LLC.
- Hacker, D., Sommers, N. I., & Carbajal, V. H. M. (2011). *A writer's reference*. Boston: Bedford/St. Martins.
- Heath, M. (2010). *MLA made easy: Citation basics for beginners*. Santa Barbara, Calif: Libraries Unlimited.
- Johns, J., Keller, S. J., & SourceAid, LLC. (2006). *Cite it right: The SourceAid LLC guide to citation, research, and avoiding plagiarism*. Osterville, MA: SourceAid, LLC.
- Kanvaria, V. K. (2015). *Plagiarism, citation and referencing: Issues and styles*. Lexington, KY: Create Space.

- Li, X., Crane, N., & Li, X. (2000). *Electronic styles: A handbook for citing electronic information*. Medford, N.J: Information Today.
- Lipson, C. (2012). *Cite Right: A Quick Guide to Citation Styles--MLA, APA, Chicago, the Sciences, Professions, and More*. Chicago: University of Chicago Press.
- United States. (1997). *Citation and style manual*. Washington: U.S. Dept. of Justice, Tax Division.
- University of Wisconsin--Madison. (1990). *Writer's handbook: Documentation styles*. Madison, Wis: University of Wisconsin-Madison Writing Center.
- Wong, K. K. (2011). *Avoiding Plagiarism: Write Better Papers in APA, Chicago, and Harvard Citation Styles*. Bloomington IN: IUiverse.

LIS17110GE-EMERGING CHANNELS OF SCHOLARLY COMMUNICATION
(2 Credits)

Credit Pattern

Lecture	Tutorial	Practical	Total
02	0	0	02

Objective

- To acquaint the students with Scholarly Communication, Research ethics, Writing Research Papers, Plagiarism etc.

UNIT I

- 1.1 Scholarly Communication: Overview
- 1.2 Forms of Scholarly Communication
 - 1.2.1 Research Papers
 - 1.2.2. Review Papers
 - 1.2.3. Technical Papers
 - 1.2.4. Case Studies
 - 1.2.5. Conceptual Papers
- 1.3 Scholarly Communication: Barriers, Challenges and Crisis

UNIT II

- 2.1 Scholarly Communication and research Ethics
- 2.2 Writing a Research Proposal and a Research Paper
- 2.3 Peer Review and Editorial Procedures
- 2.4 Plagiarism Detection and Anti-Plagiarism software

Suggested Readings

Cummings, A. M., & Andrew W. Mellon Foundation. (1996). *University libraries and scholarly communication: A study prepared for the Andrew W. Mellon Foundation*. Binghamton, NY: Haworth Press.

Gilman, I. (2013). *Library scholarly communication programs: Legal and ethical considerations*. Oxford: Chandos Pub.

In Smith, K. L., & In Dickson, K. A. (2017). *Open access and the future of scholarly communication: Implementation*.

Kling, R., & Callahan, E. (January 01, 2002). Electronic journals, the Internet, and scholarly communication. *Annual Review of Information Science and Technology*, 37, 127-177.

Miller, M. A. (January 01, 2006). Scholarly Communication. *Change* New Rochelle Then Washington Dc-, 38, 6, 6-6.

Morrison, H. (2009). *Scholarly communication for librarians*. Oxford: Chandos Pub.

Strauss, D. F. M. (July 01, 2008). Scholarly communication. *Communication*.34(1).113-129.

Starratt, J. (2011). *Scholarly communication: Trends, economics and future*. Philadelphia, Pa: Taylor & Francis.

LIS171110E-LIBRARY AND INFORMATION SERVICES
(2 Credits)

Credit Pattern

Lecture	Tutorial	Practical	Total
1	01	0	02

Unit – I

- 1.1 Role of Libraries
- 1.2 Categories of Libraries: Salient Features

Unit – II

- 2.1 An overview of Library and Information services.
- 2.2 Reference services.
- 2.3 CAS, SDI – Concept and nature.

Suggested Readings

- American Library Association. (1991). *Libraries and information services today*. Chicago: American Library Association.
- Kumar, P.S.G.(2003) *Foundations of Library and Information Science*. Paper I of UGC Model Curriculum. New Delhi: Manohar.
- Jain, M K (Ed) 50 years: *Library and information services in India*. Delhi :Shirpa Publications.
- Kumar, PSG and Vashishth .(Ed). *Library and information science in India*. Delhi : Sterling Publishers.
- Penna, C. V. (1982).UNESCO.In*Encyclopedia of Library and InformationScience*.(Vol. 3,p-3
New York: Marcel Dekkar

LIS17112OE-OPEN SOURCE SOFTWARE
(2 Credits)

Credit Pattern

Lecture	Tutorial	Practical	Total
02	0	0	02

Unit 1 Open Source Software: Basics

- 1.1 Open Source: Concept and Development.
- 1.2 Open Source Software: Concept and Characteristics.
- 1.3 Open Source Software in different Setups: An overview
- 1.4 Open Source Software: Benefits and challenges

Unit 2 Open Source Environments

- 2.1 Open Source Operating Systems: Ubuntu, and FreeBSD etc.
- 2.2 Apache OpenOffice, LibreOffice and NeoOffice
- 2.3 Open Source Content Management Systems: An Overview
- 2.4 Open Source Database tools: MySQL, PostgreSQL and SQLite.

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<https://www.freebsd.org/>

Joomla (2015).Joomla.Available at

<http://www.joomla.org/>

LibreOffice(2015). LibreOffice.Available at

<https://www.libreoffice.org/>

MySQL(2015). MySQL.Available at

<https://www.mysql.com/>

NeoOffice(2015). NeoOffice. Available at

<https://www.neooffice.org/neojava/en/index.php>

OpenCms(2015). OpenCms. Available at

<http://www.opencms.org/en/>

Ubuntu(2015). Ubuntu. Available at

<http://www.ubuntu.com/>

Open Source Initiative (2015). Open Source Initiative. Available at

<http://opensource.org/>

PostgreSQL(2015). PostgreSQL. Available at

<http://www.postgresql.org/>

SQLite(2015). SQLite. Available at

<https://www.sqlite.org/>