

No. 6-38/2024- (B. Lib. & M. Lib.) under CBCS -HPU (Acad.)
Himachal Pradesh University, Summer Hill, Shimla-5
(NAAC Accredited "A" Grade University)
"Academic Branch",

Dated: 09 MAY 2024

To

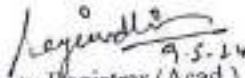
1. The Dean, Faculty of Social Sciences, HPU, Shimla-5
2. The Controller of Examinations, HPU, Shimla-5.
3. The D.R. Exam. (PG) HPU, Shimla-5.
4. The D.R. Eval./Re-Eval./Conduct, HPU, Shimla-5.
5. The D. R. Secrecy, HPU, Shimla-5. (with 2 spare copies.)
6. The S.O. Exam (PG, B.Lib & M.Lib.) HPU, Shimla-5.
7. The Librarian, HPU Main Library, Shimla-5
8. The Incharge, Computer Centre, Examination Wing (PG), HPU, Shimla-5.

Subject: Copy of New syllabi of B.Lib. I.Sc. & M.Lib. I.Sc. (under CBCS).

Sir/Madam,

I am sending herewith a complimentary copy of New Syllabi of B.Lib. I.Sc. & M.Lib. I.Sc. (under CBCS), duly approved by the Standing Committee of Academic Council in its meeting held on 02.05.2024 vide item No.5, on the recommendations of the concerned Board of Studies and Faculty of Social Sciences for its implementation from the Academic Session 2024-25 onwards as per annexure-1 &2.

Yours faithfully,


Deputy Registrar (Acad.)
HP University Shimla-5.
Dated: 09 MAY 2024

Encl. No. Even

Copy to:

1. The Chairman, Departments of Library and Information Science, HPU, Shimla-5 for information and send the soft copy in PDF format to web Admin, HPU, Shimla-5 immediately.
2. The Web Admin, HPU, Shimla-5, with the request to upload this letter with syllabus on the website.
3. The Dealing Assistant Meeting (Acad.), HPU, Shimla-5, for information.
4. Guard file.


Deputy Registrar (Acad.)

HIMACHAL PRADESH UNIVERSITY
(NAAC Accredited 'A' Grade University)
DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

Minutes of meeting of Adhoc Board of Studies
held online on 28.12.2023 at 3:00 PM through online mode at
Department of Library and Information Science

The following members were present:

| | | |
|---|--|-------------------------|
| 1 | Chairman, Department of Library and Information Science | Chairman & Co-Ordinator |
| 2 | Prof. Raj Kumar, Deptt. of Commerce, HPU, Shimla-5 | Member |
| 3 | Prof. Harish Kumar, Deptt. of Political Science | Member |
| 4 | Dr. Dimple Patel, Central University of Himachal Pradesh, Dharmshala, Kangra | Subject Expert |
| 5 | Prof. Joginder Singh, Kurukshetra University, Kurukshetra | Subject Expert |
| 6 | Sh. Prem Chand, Librarian, IAS | Member |
| 7 | Deputy Librarian (Admn.), HPUL, Shimla-5. | Member |

Item-1 : To ratify the syllabus of Bachelor of Library and Information Science as per CBCS pattern (Annexure-1).

Decision: After detailed deliberation and discussion on the outlines of the syllabus all the esteemed members approved the syllabus for Bachelor of Library and Information Science (B.Lib.I.Sc) (Annexure-1).

Item-2 : To ratify the syllabus of Master of Library and Information Science as per CBCS pattern (Annexure-2).

Decision: All the esteemed members of Adhoc Board of studies approved the syllabus for Master of Library and Information Science (M.Lib.I.Sc) (Annexure-2).

Item-3 : To change number of subsidized/Non-Subsidized seats in Bachelor of Library and Information Science and Master of Library and Information Science.

Decision: All the esteemed member of Adhoc Board of studies present in the meeting approved that Number of Subsidized Seats be increased from 10 to 20 and Number of Non-Subsidized be decreased from 20 to 10 in Bachelor of Library and Information Science and Master of Library and Information Science.(Annexure-3)

The meeting ended with vote of thanks to the chair.

Sh. Dinesh Kumar Sharma

(Approved Through E-mail)

Dr. Dimple Patel

Sh. Prem Chand

Prof. Harish Kumar

Prof. Untesh Kumar,
Chairman

(Approved Through Email)
Prof. Joginder Singh

Prof. Raj Kumar

SINGH
29-12-2023

हिमाचल प्रदेश सरकार



O/o the DEAN, FACULTY OF SOCIAL SCIENCES.
(NAAC Accredited 'A' Grade University)
HIMACHAL PRADESH UNIVERSITY
Summer Hill Shimla-171 005

Proceeding of the meeting of the Faculty of Social Sciences, H.P. University held by circulation mode.

A meeting of the Faculty of Social Sciences was held by circulation mode. The following items were circulated for consideration and approval of the members:

Item No.-1 To place/ Circulate among the member of Faculty of Social Sciences the proceeding of the Ad-hoc Board of studies UG/PG (Bachelor of Library & Information Science and Master of Library & Information Science) held on 28.12.2023 through online mode regarding ratification of syllabus of Bachelor / Master of Library and Information Science as per CBCS pattern and to change the number of subsidized/Non-subsidized seats in these programmes.

Decision: The members approve the item along with the attached Annexure and recommended it for consideration of the Academic Council.

| Sr. No | Member | Signature | |
|--------|---|-------------------|--|
| 1 | Chairman, Deptt. of Economics | Ex-Officio Member | |
| 2 | Chairman, Deptt. of Psychology | Ex-Officio Member | |
| 3 | Chairman, Deptt. of History | Ex-Officio Member | |
| 4 | Chairman, Deptt. of Journalism & Mass communication | Ex-Officio Member | |
| 5 | Chairman, Deptt. of Political Science | Ex-Officio Member | |
| 6 | Chairman, Deptt. of Public Administration | Ex-Officio Member | |
| 7 | Chairman, Deptt. of Sociology | Ex-Officio Member | |
| 8 | Chairman, Deptt. of Yoga Studies | Ex-Officio Member | |
| 9 | Chairman, Deptt. of Life Long Learning | Ex-Officio Member | |
| 10 | Chairman, Deptt. of Geography | Ex-Officio Member | |
| 11 | Chairman, Deptt. of Defence & Strategic Studies | Ex-Officio Member | |
| 12 | Chairman, Deptt. of Library and Information Science | Ex-Officio Member | |



हिमाचल प्रदेश सरकार

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|----|---|-------------------|--|
| 13 | Chairman, Deptt. of Archaeology & Ancient History | Ex-Officio Member | |
| 14 | Chairman, Deptt. of Population Studies | Ex-Officio Member | |
| 15 | Prof. Shiv Nath Ghosh, Deptt. of Psychology | | |
| 16 | Prof. (Mrs.) Mamta Mokta, Deptt. of Public Administration | | |
| 17 | Prof. Ramesh Kumar Chauhan, Deptt. of Pol. Science | | |
| 18 | Prof. Harish Kumar Thakur, Deptt. of Pol. Science | | |
| 19 | Prof. Bal Krishan Shivram, Deptt. of History | | |
| 20 | Prof. Sashi Kant, Deptt. of JMC | | |
| 21 | Prof. Arun Kumar Singh, Deptt. of History | | |
| 22 | Prof. Vikas Dogra, Deptt. of JMC | | |
| 23 | Prof. Anita Sharma, Deptt. of Psychology | | |
| 24 | Prof. Sunil Kumar Sharma, Deptt. of Psychology | | |
| 25 | Prof. Manoj Sharma, Deptt. of Economics | | |
| 26 | Prof. Sanju Karol, Deptt. of Economics, ICDEOL | | |
| 27 | Prof. Anupama Singh, Deptt. of Public Administration, ICDEOL | | |
| 28 | Prof. Laiq Ram Verma, Deptt. of Public Administration, ICDEOL | | |
| 29 | Prof. (Mrs.) Bhawana Devi, Deptt. of Political Science, ICDEOL | | |
| 30 | Prof. Dev Dutt Sharma, Deptt. of Geography | | |
| 31 | Dr. Sanjeev Kumar, Associate Professor, Deptt. of Economics | | |
| 32 | Dr. Tek Singh, Asstt. Professor, Deptt. of Economics | | |
| 33 | Sh. Sunny Kumar, Asstt. Professor, Deptt. of History | | |
| 34 | Dr. Abha Chauhan Khimta, Associate Professor, Deptt. of Pol. Science | | |
| 35 | Dr. Yograj, Asstt. Professor, Pol Science, ICDEOL | | |
| 36 | Dr. (Mrs.) Arpita Negi, Asstt. Professor, Deptt. of Yoga Studies | | |
| 37 | Dr. Deepak Sharma, Asstt. Professor, Public Administration, ICDEOL | | |



एक कदम स्वच्छता की ओर



हिमाचल प्रदेश सरकार

| | | |
|----|---|--------------------------------------|
| 38 | Dr. (Mrs.) Anjana Thakur, Assistant Professor, Sociology, ICDEOL | |
| 39 | Dr. Yashwant Singh Harta, Asstt. Professor Deptt of Life Long Learning | |
| 40 | Dr. Balak Ram, Associate Prof. Deptt. of Geography | |
| 41 | Dr. Seema Chaudhary, Asstt. Professor, Deptt. of Geography | |
| 42 | i) Sh. Subhash Kapta, Asstt Prof. in History, RKMV, Shimla. ii) Sh. Hemant Kumar, Asstt. Prof. in Economics, GC Arki iii) Sh. Deepak Kumar, Asstt. Prof. in Public Admin., RKMV, Shimla. iv) Sh. Amarjit Lal, Asstt. Prof. in Sociology, GC Hamirpur | |
| 43 | Deputy Registrar/ Assistant Registrar (Acad.) (ICDEOL) | Secretary of the Faculty |
| 44 | Prof. (Ms.) Aparna Negi, Dean Faculty of Social Sciences | Ex-Officio Chairman of the Committee |



एक कदम स्वच्छता की ओर



DEPARTMENT OF LIBRARY & INFORMATION SCIENCE
(NAAC Accredited 'A' Grade University)
HIMACHAL PRADESH UNIVERSITY
Summer Hill Shimla-171005



Syllabus and Scheme of Examination
for

**Master of Library and Information Science
(M.Lib.I.Sc.)**

Course/Programme Under
(CBCS Semester System)

Applicable w.e.f. Academic session: (2024-25) onward

PROGRAMME DETAIL

1. **Name of the Department:** Department of Library and Information Science (Under Faculty of Social Science)
2. **Name of the Course:** Master of Library and Information Science (M.Lib. I.Sc.)
3. **Nature of the Course:** Regular degree course of study.
4. **Duration of Completion of Course :** Minimum one year (Two Semester),Maximum (Three year from the date of admission to the programme)
5. **Number of Seats :** Thirty (20 - Subsidized and 10 - Non-Subsidized)
6. **Eligibility Criteria for Admission:** -
 - (i) The Programme will be available to the candidates who have Bachelor's of Library and information Science degree from any recognized university/ institutes established by the law in India.
 - (ii) Preference will be given to the candidates who have working experience in libraries, information centers or other related organizations.
7. **Procedure of Admission:-**

The admission to the course/Degree shall be on the basis of merit of qualifying examination.
8. **Fees :-**

For subsidized Seats: Admission Fee for boys = Rs. 7300 /-
Admission Fee for girls= Rs. 4900/-

For Non-Subsidized Seats: Rupees 25,000.00 per Semester will be charged form the candidate taking admission under this category in addition to the fee prescribed for the subsidized seats. Fee once deposited under this category will not be refunded under any circumstances.

Note: Fee subject to change/vary as per decision of the University authorities.
9. **Age Limit:-** The upper age limit will be applicable as per HP University rules for other PG Courses/Merit based courses.
10. **Reservation:** - The reservation for SC/ST/PWD and other applicable category shall be as per HP University rules.
11. **Application Form Fee:-** Online application fee for Merit Based Courses will be Rs. 500/- (Rs 250/- in case of SC/ST/Antyodya /IRDP/EWS candidates) for Subsidized seats. The candidates are required to pay additional fee of Rs. 500/- for Non-Subsidized seats. The fee deposited will not be refundable under any circumstances.

12. Examination General:-

- (i) Same as otherwise provided in the Statute 20, there will be examination at the end of each semester, a degree shall be awarded to a candidate after such examination.
- (ii) In order to be eligible to appear in university examination a candidate should have 75% attendance in each of the concerned courses in theory as well as in practical. (The attendance will be taken into consideration from the date of admission of candidate to the course.)
- (iii) The Chairperson of the department may under intimation to the candidate, not later than 15 days before the commencement of the examination, withdraw application of the candidate for the examination, who fails to fulfill the attendance requirement referred at point (12)(ii).


Chairman,
Department of Library and
Information Science
H.P. University, Shimla-171

**Syllabus of End Semester Examination (ESE) and Internal Assessment (I.A.)
Scheme for Degree of Master of Library & Information Science (two-Semester
System) (Effective from the Academic session (2024-2025))**

INSTRUCTIONS:

- I. The medium of instructions and Examinations shall be English only.
- II. End Semester Examination (ESE) & Practical Examinations shall be conducted at the end of each semester as per the Academic Calendar notified by H.P. University, Shimla-5, time to time.
- III. The maximum time allotted to each paper will be three hours.
- IV. Each course (Theory + Practical +Internal Assessment) will carry 100 marks and Internal Assessment will have following components:

Internal Assessment (IA) 20 marks:

- | | |
|---|----------|
| a) Assignment | 05 marks |
| b) Test/Quiz/Seminar/Model/Mid-Term Examination marks(At least one Test) | 10 |
| c) Attendance | 05 marks |

Criterion for Class-room attendance (05 marks); 75% Attendance will be minimum eligibility condition for appearing in the examination.

| | |
|---------------------------------|---------|
| i) Attendance >75 but < 80% | 1 mark |
| ii) Attendance 80% to 85% | 2 marks |
| iii) Attendance > 85% but < 90% | 3 marks |
| iv) Attendance 90% to 95% | 4 marks |
| v)Attendance > 95% | 5 marks |

Minimum Pass Percentage for each course in every component (ESE, IA & Practical) shall be 50%, separately


Chairman
Department of Library and
Information Science
H.P. University, Shimla-171005

Himachal Pradesh University
Department of Library and Information Science

Program Outcomes,
Program Specific Outcomes,
&
Course Outcomes
of
Master of Library and Information Science

PROGRAM OUTCOME:

Upon completion of M.Lib.I.Sc Programme, students will be able to :

1. Develop creativity for better library services.
2. Enhance skills in the latest technologies in the field of LIS.
3. Get them acquainted with basic knowledge on higher academic and research tools and techniques.
4. Carry out innovative research in LIS field and make them lifelong learners.
5. Demonstrate independent learning, analytical and critical thinking of a wide range of ideas and complex problems and issues.
6. Identify, explain, use and critically evaluate both current and emerging information technologies in libraries and information centres.
7. Demonstrate subject-related knowledge and skills that are relevant to academic, professional, soft skills and employability required for higher education and placements.
8. Demonstrate an understanding of research by identifying the fundamental characteristics of quantitative and qualitative research and by analysing the value of research literature in the library and information field

PROGRAMME SPECIFIC OUTCOME:

1. Attain the skills and knowledge on competitive exams, national and state level eligibility tests and other equivalent competitive examinations in the field of Library and Information Science.
2. Capability of getting employment as Librarian, Information Officer, Knowledge Manager, Digital Archivist, Trainer on ICT, Information Managers, and many more positions in Government, Inter Government, Private and Corporate Administration.
3. Attain the capabilities to design and implement academic, research and generic information systems for any type of organization

Himachal Pradesh University
NAAC Accredited 'A' Grade University
Department of Library and Information Science


Master of Library and Information Science

| Course Code | Description | Course Type | Periods | | | Evaluation | | | | Credit |
|---|--|-------------|---------|---|---|-------------------|----|----|-------------|-----------|
| | | | L | T | P | SE Marks (Theory) | IA | P | Total Marks | |
| LIS-301 | Information Storage and Retrieval | C | 6 | 0 | 0 | 80 | 20 | 0 | 100 | 6 |
| LIS-302 | Knowledge Management | C | 6 | 0 | 0 | 80 | 20 | 0 | 100 | 6 |
| LIS-303 | Digital Libraries | SEC | 6 | 0 | 0 | 80 | 20 | 0 | 100 | 6 |
| LIS-304 | Infometrics, Bibliometrics and Scientometrics | C | 6 | 0 | 0 | 80 | 20 | 0 | 100 | 6 |
| LIS-305(A) | Social Science Information Sources, Systems and Services | DSE | 6 | 0 | 0 | 80 | 20 | 0 | 100 | 6 |
| LIS-305(B) | Biological Science Information Sources, Systems and Services | DSE | 6 | 0 | 0 | 80 | 20 | 0 | 100 | 6 |
| LIS-305(C) | Health Science Information Sources, Systems and Services | DSE | 6 | 0 | 0 | 80 | 20 | 0 | 100 | 6 |
| Total | | | | | | | | | 500 | 30 |
| LIS-401 | Research Methodology and Statistical Techniques | C | 6 | 0 | 0 | 80 | 20 | 0 | 100 | 6 |
| LIS-402 | Information Analysis, Consolidation & Repackaging | C | 6 | 0 | 0 | 80 | 20 | 0 | 100 | 6 |
| LIS-403 | Library Automation and Network (T+P) | SEC | 4 | 0 | 2 | 50 | 20 | 30 | 100 | 5 |
| LIS-404 | Digital Preservation and Conservation | C | 6 | 0 | 0 | 80 | 20 | 0 | 100 | 6 |
| LIS-405 | Dissertation | C | | | | | | | 100 | 6 |
| Total | | | | | | | | | 500 | 29 |
| Grand Total (Semester-I and Semester-II) | | | | | | | | | 1000 | 59 |

Abbreviations used:

- C : Core
- DSE : Discipline Specific Elective
- SEC : Skill Enhancement Course
- L : Lectures
- T : Tutorial
- P : Practical

Note: Only one subject should be opted from Course type DSE.


 Chairman,
 Department of Library and
 Information Science
 H.P. University, Shimla-17

M. Lib. I. Sc.
SEMESTER – 1

| | | | |
|------------------------|--|------------------------|--------------------------|
| Course Code | LIS-301 | | |
| Course Name | Information Storage and Retrieval | | |
| Credits | 6 | | |
| Max. Marks= 100 | Final Examination =80 | Internal Assessment=20 | Duration of Exam=3 hours |

Course Outcome:

After completing this course students will be able to :

- Comprehend the various dimensions of information documentation
- Understand the Indexing System and techniques.
- Know the components of information storage and retrieval system
- Know the current issues in information storage and retrieval

Note for the Paper Setter: The question paper will consists of Nine questions in all. The first question will be compulsory and will consist of Ten short questions of 2 marks each covering the whole syllabus. In addition, Eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions selecting at least one question from each unit of 15 marks each.

Course Contents:

| Unit | Description of Course |
|-----------------|---|
| <i>Unit I</i> | Information Retrieval System: Concept, definition, types, characteristics, components of ISRS. Information Retrieval Models. Library information retrieval systems: Web-OPAC, digital libraries. Evaluation of an Information Retrieval System: Recall, Precision and Relevance, Relevance feedback. |
| <i>Unit II</i> | Indexing Systems and Techniques: Assigned and Derived Indexing. Pre Coordinate and Post Coordinate indexing. Chain Indexing, PRECIS, POPSI. Key Word Indexing: KWIC, KWAC, KWOC. Citation Indexing: Features of Scopus. Web of Science. Concept of Automatic Indexing. |
| <i>Unit III</i> | Vocabulary Control: Need, Purpose, Functions, types and characteristics. Vocabulary Control Tools: Subject Headings: Library of Congress Subject Headings, Sears List of Subject Headings and Medical Subject Headings, Thesaurus: Features, Structure and Construction, ERIC, UNESCO Thesaurus. Taxonomies |
| <i>Unit IV</i> | Information Searching: Search Methods and Search Strategy: Boolean Search, Heuristic Search, Proximity Search, Phrase Search, Truncation search. Information Searching in Different Media: Print, Electronic and Internet. |

| |
|---|
| Federated Search: Concept and Features. Web-Scale Discovery System (WSDS): Concept and Features. Search engines, Meta search engines, Z39.50 and metadata. DOI: Concept. Basics of Data Mining. |
|---|

Suggested Readings:

1. Bates, M.J. (2012). Understanding information retrieval systems: management, types and standards. Boca Raton, FL: CRC press.
2. Kowalski, G.J. & Maybury, M.T. (2002). Information Storage and Retrieval System: theory and implementation. (2nd ed.). New York: Kluwer.
3. Cleveland, D. & Cleveland, A. (2013) Introduction to indexing and Abstracting. (4th ed.). Englewood: Libraries Unlimited.
4. Aitchison, J., Gilchrist, A. & Bawden, D. (2005). Thesaurus construction and use: a practical manual. (4th ed.). London: Taylor and Francis.
5. Fransson, J. (2009). Efficient Information searching on the web: a handbook in the art of searching for information. Sweden: Fransson
6. Manning, C. D., Raghavan, P., & Schütze, H. (2008). Evaluation in information retrieval. Introduction to information retrieval, 151-175
7. Bajpai, S.K. (1999). Modern information retrieval. New Delhi :EssEss Pub.
8. Chowdhary, C.G. (1996). Text retrieval systems in information management. New Delhi: New Age International Pub.
9. Ellis, David. (1996). Progress and problems in information retrieval. London:LA.
10. Lancaster, F.W. (1998). Indexing and abstracting in theory and practice. (2nd ed.). London: LA. Riaz M. (1989)


Chairman,
Department of Library and
Information Science
H.P. University, Shimla-17

**M. Lib. I. Sc.
Semester-I**

| | | | |
|------------------------|------------------------------|-------------------------------|---------------------------------|
| Course Code | LIS-302 | | |
| Course Name | Knowledge Management | | |
| Credits | 6 | | |
| Max. Marks= 100 | Final Examination =80 | Internal Assessment=20 | Duration of Exam=3 hours |

Course Outcome:

After completing this course students will be able to:

- Understand how knowledge is created and communicated.
- To develop an awareness of value of knowledge assets and to learn how the KM strategies can enhance organization's work performance.
- To learn how advances in CITs and various KM tools can help in more effective management of knowledge resources and services.
- To understand how KM practice can be aligned with organization's work processes and activities.

Note for the Paper Setter: The question paper will consists of Nine questions in all. The first question will be compulsory and will consist of Ten short questions of 2 marks each covering the whole syllabus. In addition, Eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions selecting at least one question from each unit of 15 marks each.

Course Contents:

| Unit | Description of Course |
|-----------------|---|
| Unit I | Basic concepts of knowledge Management <ul style="list-style-type: none">• Introduction to KM: Evolution, definition, objectives and prospective of KM• Types of knowledge : Tacit and Explicit• DIKW cycle• Knowledge Society and Knowledge Economy |
| Unit II | Knowledge Management Model <ul style="list-style-type: none">• Knowledge Management Models• Role of library in knowledge Society/ Knowledge Management• Information management Vs Knowledge Management• Problem of KM in implementation |
| Unit III | Strategic knowledge management <ul style="list-style-type: none">• Principles of knowledge management• Strategies for knowledge management• Linkages with Communities of Practice• Achieving competitive advantage through strategic knowledge management |

| | |
|----------------|---|
| Unit IV | Developing knowledge resources and services <ul style="list-style-type: none"> • Developing and managing knowledge repositories • Evaluation and quality control of knowledge resources • Developing an effective knowledge service • Role of information technology in knowledge management • Knowledge management tools – Intranets, Social networking and knowledge sharing, Select KM tools |
|----------------|---|

Suggested Readings:

1. Shelda Debowski, Knowledge Management, Milton, John Wiley & Sons, 2006, 368p.
2. I V Malhan & Shivarama Rao, Perspectives on Knowledge Management. Maryland, The Scarecrow Press, 2008, 454p.
3. Irma Bacerra, Avelino Gonzalez, Rajiv Sabherwal, Knowledge Management Challenges, Solutions and Technologies, Prentice Hall, 2004
4. Carl Frappolo, Knowledge Management, Oxford: Capstone, 2002
5. Yogesh Malhotra, Knowledge Management, Hershey, Idea groups, 2000
6. Brain Lehaney, Beyond Knowledge Management, Hershey, Idea groups, 2000


 Chairperson,
 Department of Library and
 Information Science
 H.P. University, Shimla-1710

**M. Lib. I. Sc.
Semester-I**

| | | | |
|-----------------|-----------------------|------------------------|--------------------------|
| Course Code | LIS-303 | | |
| Course Name | Digital Libraries | | |
| Credits | 6 | | |
| Max. Marks= 100 | Final Examination =80 | Internal Assessment=20 | Duration of Exam=3 hours |

Course Outcome:

After completing this course students will be able to:

- Know the basic concepts related to digital library system.
- Explore the applications of software and standards in developing digital library systems.
- Understand the technologies involve in the building of digital libraries
- Expertise with the use of CMS Software.

Note for the Paper Setter: The question paper will consists of Nine questions in all. The first question will be compulsory and will consist of Ten short questions of 2 marks each covering the whole syllabus. In addition, Eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions selecting at least one question from each unit of 15 marks each.


Course Contents:

| Unit | Description of Course |
|-----------------|--|
| <i>Unit I</i> | DIGITAL LIBRARIES <ul style="list-style-type: none"> • Digital libraries: Definition, Objectives, Scope, Types and feature • Digital Resources: Nature, Characteristics and types • Digital library initiatives: National and International • Traditional Knowledge Digital Library (TKDL) and World Digital Library (WDL) |
| <i>Unit II</i> | SCHOLARLY COMMUNICATION AND OPEN ACCESS <ul style="list-style-type: none"> • Scholarly Communication: Concept and Cycle • Open Access: Concept, Color, Benefits and Mandates • OA Publishing Models • Open Access Journal: - Sherpa-Romeo and Juliet (Introduction) • Digital Repository: DOAJ, DOAB |
| <i>Unit III</i> | DIGITAL LIBRARY SOFTWARE <ul style="list-style-type: none"> • Installation, Features and Functionality: Dspace, Greenstone, E-prints, Fedora, Omeka • E-resources: Introduction, types, e-journal, e-book, e-databases, ERM • OERs: concept, Objectives, Principles and Licenses • Digital Right Management(DRM) and Fair use |

| | |
|----------------|---|
| Unit IV | STANDARD PROTOCOL <ul style="list-style-type: none"> • File Formats and Character Encoding Standards: ASCII, ISCII, Unicode • Interoperability Standards: OAI-PMH , OAI-ORE • Metadata: Concept, Types, Metadata Standards: Dublin core, METS, MODS • OAIS Model, AIP, SIP, DIP, DCC |
|----------------|---|

Suggested Readings

1. Chowdhury, G G and Chowdhury, Sudatta, (2003) —Introduction to Digital Libraries, Facet Publishing, UK. Print
2. Haddouti, H. (1997) The Digital Library Initiatives. Proceedings of the Symposium on The Arab World and Information Society Tunis, May 4-8, UNESCO, (invitedTalk)
3. <http://dspace.iimk.ac.in/bitstream/2259/252/1/05-mgs-ps-paper.pdf>
4. <http://www.dlib.org/dlib/july05/lynch/07lynch.htm>
5. Witten, Ian H. and Bainbridge, David (2003). How to build a digital library. Morgan Kaufman Publishers. Print
6. Witten, Ian H. (2003). Examples of practical digital libraries: Collections built internationally using Greenstone. D-Lib Magazine, March. <http://dlib.org/dlib/march03/witten/03witten.html>
7. Greenstone training workshop material. Greenstone Digital Library Project and NCSI, IISc.
8. <http://www.greenstone.org/>


 Chairman,
 Department of Library and
 Information Science
 H.P. University, Shimla-1;

**M. Lib. I. Sc.
Semester-I**

| | | | |
|------------------------|---|------------------------|--------------------------|
| Course Code | LIS-304 | | |
| Course Name | Bibliometrics, Informetrics and Scientometrics | | |
| Credits | 6 | | |
| Max. Marks= 100 | Final Examination =80 | Internal Assessment=20 | Duration of Exam=3 hours |

Course Outcome:

After completing this course students will be able to :

- Understand the basic concepts of Librametrics, Bibliometrics, Scientometrics and other important metrics used in LIS
- Understand the importance of Bibliometrics tools and technique in research.
- Understand the application of different Bibliometrics laws.
- Understand the latest trends the developments in the informetrics and Scientometrics analysis.

Note for the Paper Setter: The question paper will consists of Nine questions in all. The first question will be compulsory and will consist of Ten short questions of 2 marks each covering the whole syllabus. In addition, Eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions selecting at least one question from each unit of 15 marks each.


Course Contents:

| Unit | Description of Course |
|-----------------|---|
| <i>Unit I</i> | Origin and Development of Bibliometrical Studies <ul style="list-style-type: none"> • Metrics: Meaning & Definitions; Classes of Metrics: Classical Metrics, Neo-Classical Metrics, And Modern Metrics; • Metric Studies in LIS: Librametrics; Bibliometrics; Scientometrics; • Informetrics; • Cybermetrics & Webometrics: Meaning, Definition, Key areas of • Webometrics • Altmetrics: Meaning, Definition, Functions, & Important Altmetrics Tools |
| <i>Unit II</i> | Bibliometrics Laws <ul style="list-style-type: none"> • Lotka's law of scientific productivity, • Bradford's law of scatter, and • Zipf's law of word occurrence • Other Empirical Laws & Models: Based on Bradford's Law; Based on • Lotka's Law; Based on Zipf's Law |
| <i>Unit III</i> | Application of Bibliometrics <ul style="list-style-type: none"> • Citations & Citation Analysis: Meaning, Definitions & Purpose • Important areas of Citation Analysis; Applications & Limitations of |

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| | <ul style="list-style-type: none"> • Citation Analysis • Citation Index: Science Citation Index; Social Science Citation Index • Science Impact Factors: Journal Impact Factor, h-index, g-index, i-10 index |
| Unit IV | <p>Trends and Developments</p> <ul style="list-style-type: none"> • Current trends and developments in Informetrics and Scientometrics: • Software for bibliometric analysis with emphasis on Open-source software. • Data Sources and Software Tools for Bibliometric Studies: • Web of Science; Scopus; Indian Citation Index; Google Scholar |

Suggested Readings

1. Egghe, L. and Rousseau, R. (2001). Elementary statistics for effective Library and Information services management. London: Aslib,
2. Garfield, E. (1979). Citation Indexing: Its theory and applications in science, technology and humanities. New York: John Wiley.
3. Meadows, A.J. (1974). Communication in Science. London: Butterworths.
4. Neuendorf, K. (2002). The content analysis guidebook. London: Sage.
5. Nicholas D. and Ritchi, M. (1979). Literature & bibliometrics. London: Clive Bingley.
6. Ravichandra Rao, I.K. (1985). Quantitative methods for Library and Information Science. New Delhi: Wiley Eastern, 1985.
7. The Iwall, M. (2009). Introduction to webometrics: Quantitative web research for the social Sciences. Morgan and Claypool Publishers.


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**M. Lib. I. Sc.
Semester-I**

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|------------------------|---|-------------------------------|---------------------------------|
| Course Code | LIS-305(A) | | |
| Course Name | Social Science Information Sources, Systems and Services | | |
| Credits | 6 | | |
| Max. Marks= 100 | Final Examination =80 | Internal Assessment=20 | Duration of Exam=3 hours |

Course Outcome:

After completing this course students will be able to :

- Understand the growth and research trends of subject of social sciences.
- Learn about the systems and networks in social sciences.
- Know about the various institutions working towards the development of social sciences.
- Understand the databases and resources important for the social science community.

Note for the Paper Setter: The question paper will consists of Nine questions in all. The first question will be compulsory and will consist of Ten short questions of 2 marks each covering the whole syllabus. In addition, Eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions selecting at least one question from each unit of 15 marks each.


Course Contents:

| Unit | Description of Course |
|-----------------|--|
| Unit I | Structure and Development of Social Sciences: Definition, scope, landmarks and research trends in the disciplines of Political Science, Economics, Sociology, Psychology, History. |
| Unit II | Social Science Information Sources: Evaluation of the following Information sources : Print and non-print, electronic and Web-based : British Humanities Index, Current Sociology, Historical Abstracts, International Bibliography of the Social Sciences, Political Science Abstracts, Population Index, Social Science Citation Index. Sociological Abstracts, UN Demographic Yearbook, Business Periodicals Index, New Palgrave Dictionary of Economics, Social Science Index, Gazetteer of India, PAIS International, Wealth of India, Wilson Social Science abstracts, ECONLIT, PsychINFO, RePEC. |
| Unit III | Social Science Information Institutions: Study of the following Social Science Institutions engaged in information generation and dissemination: Centre for Policy Research, ICSSR, ICWA, Institute for Defense Studies and Analysis, Indian Institute of Public Administration National Council for Applied Economic |

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|----------------|---|
| | Research. National Institute of Public Finance and Policy. Tata Institute of Social Sciences. UNESCO. Indian Council of Historical Research. Institute of Economic Growth. |
| <i>Unit IV</i> | Social Science Information System: Concept and evaluation. Evaluation of existing Information Associations, Systems and Networks in Social Sciences at national and international level. International Political Science Association. International Sociological Association. Socio Site. International Social Science Council (ISSC). International Committee for Social Science Information and Documentation (ICSSD). Social Science Research Network (SSRN) |

Suggested Readings

1. Agrawal, S.P. (1987). Social science information and documentation: search for relevance in India. New Delhi: Concept Pub.
2. Agrawal, S.P. (1989). Development of library services in India: social science information. New Delhi: Concept.
3. Association of Librarians and Information Professionals in the Social Sciences. (2010). Innovations in social sciences information and research support. London: Association of Librarians and Information Professionals in the Social Sciences.
4. Atherton, P. (1980). Handbook for information systems and services. In Handbook for information systems and services. Paris: UNESCO.


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**M. Lib. I. Sc.
Semester-I**

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|-----------------|--|------------------------|--------------------------|
| Course Code | LIS-305(B) | | |
| Course Name | Business Information Sources, Systems and Services | | |
| Credits | 6 | | |
| Max. Marks= 100 | Final Examination =80 | Internal Assessment=20 | Duration of Exam=3 hours |

Course Outcome:

After completing this course students will be able to :

- Understand the growth and research trends of subject of business.
- Learn about the systems and services in Business.
- Know about the various institutions working towards the development of business.
- Understand the databases and resources important for the Business.

Note for the Paper Setter: The question paper will consists of Nine questions in all. The first question will be compulsory and will consist of Ten short questions of 2 marks each covering the whole syllabus. In addition, Eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions selecting at least one question from each unit of 15 marks each.


Course Contents:

| Unit | Description of Course |
|-----------------|---|
| <i>Unit I</i> | Business Information: Nature and characteristics: Its role, generation and utilization. Systems view of business information. Components of Business Information Systems: Resources, centers, consultants, suppliers, financial organizations, industrial promoters, etc. Users of business information: Categories, role, functions, and need. |
| <i>Unit II</i> | Business Information Sources and Products: Sources of Information: Directories, Digests, Market, Research Reports, Trade Literature, Technical Notes, Company Profiles, Patent, Design and Trade Marks, Standards, Databases. Information services: CAS, SDI, Technical Enquiry Service, other computerized services |
| <i>Unit III</i> | Business Information Institutions and Networks: Information Networks: overview of Business Information Networks. Institutional: national and international: Studies related to the activities of: NIDCS, IIFT, ITPO, CII, FICCI, UNIDO, UNCTAD |
| <i>Unit IV</i> | Organizing Business Information for End user Support: Database System: |

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|---|
| Business Measurement System; Business Planning System. Text Management System: Text retrieval system; Office systems Management Support Systems: Decision support systems; information centers. |
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Suggested Readings:

1. Campbell, M.J. (Ed.). (1975). Manual of business library practice. NY: Shoe String Press Inc.
2. Curtis, G., & Cobham, D. (2008). Business information systems: Analysis, design and practice. NY: Pearson Education.


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**M. Lib. I. Sc.
Semester-I**

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|------------------------|---|------------------------|--------------------------|
| Course Code | LIS-305(C) | | |
| Course Name | Health Science Information Sources, Systems and Services | | |
| Credits | 6 | | |
| Max. Marks= 100 | Final Examination =80 | Internal Assessment=20 | Duration of Exam=3 hours |

Course Outcome:

After completing this course students will be able to :

- Understand the growth and research trends of subject of Health Science.
- Learn about the systems and services in Health Science.
- Know about the various institutions working towards the development of Health Science.
- Understand the trends in Health Science.

Note for the Paper Setter: The question paper will consists of Nine questions in all. The first question will be compulsory and will consist of Ten short questions of 2 marks each covering the whole syllabus. In addition, Eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions selecting at least one question from each unit of 15 marks each.

Course Contents:

| Unit | Description of Course |
|-----------------|--|
| <i>Unit I</i> | Health Science Information: Growth and development of Health Science. Types of Health Science libraries/information centers. Information Services: Current Awareness Service, SDI service, Indexing and abstracting service, Literature search. Users of Health Science information. |
| <i>Unit II</i> | Health Science Information Sources: Sources of Information: Documentary: Printed and non-print. |
| <i>Unit III</i> | Health Science Information Institutions: National Medical Library. WHO. ICMR. Department of Biotechnology. Council of Ayurveda and Siddha. Council of Homeopathy. National Institute of Health and Family Welfare. CDRI. CFRI. CFTRI. NIN. NII. NIC |
| <i>Unit IV</i> | Information Systems and Networks: HELLIS, MEDLARS, BIOSIS. Trends in Health Science Information System. Application of Hypertext, Hypermedia, Multimedia. Expert System and Artificial Intelligence. |

Suggested Readings:

1. Carmel, M. (Ed.). (1995). Health care librarianship and Information work. (22nd ed.). Library Assn Pub Limited.
2. Dixit, R.P. (1995). Information management in Indian medical libraries. New Delhi: New Concepts.
3. Gupta, S.P. (1993). Information technology and health science libraries. New Delhi: MLAI SP. Pub.



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M. Lib. I. Sc.
SEMESTER – II

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|------------------------|--|-------------------------------|---------------------------------|
| Course Code | LIS-401 | | |
| Course Name | Research Methodology and Statistical Techniques | | |
| Credits | 6 | | |
| Max. Marks= 100 | Final Examination =80 | Internal Assessment=20 | Duration of Exam=3 hours |

Course Outcome:

After completing this course students will be able to:

- Understand research and its importance.
- Understand the different methods and techniques of research.
- Know the use of data collection tools, organization and representation of data.
- Know about how to prepare research report.

Note for the Paper Setter: The question paper will consist of Nine questions in all. The first question will be compulsory and will consist of Ten short questions of 2 marks each covering the whole syllabus. In addition, Eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions selecting at least one question from each unit of 15 marks each.

Course Contents:

| Unit | Description of Course |
|-----------------|---|
| Unit I | Concept of Research: <ul style="list-style-type: none">• Definition, meaning, objectives, characteristics• Types of Research• Qualitative and Quantitative Approaches: Introduction• Identification and formulation of research problem• Literature review• Spiral of Scientific method• Hypothesis: feature, types and formulation• Research Process |
| Unit II | Research Methods, Techniques and Tools <ul style="list-style-type: none">• Research Design: An Introduction.• Research Methods: Historical, Survey, Experimental and Case Study (their application in Library and Information Science)• Data collection tools: Questionnaire, Interview and Observation.• Sampling techniques: Probability and non-probability. |
| Unit III | Data Analysis and Its Techniques <ul style="list-style-type: none">• Descriptive and inferential statistics: An Introduction. |

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| | <ul style="list-style-type: none"> • Measures of Central Tendency: Mean, Mode, Median, • Measures of Dispersion, Mean deviation and Standard deviation • Representation of Data: Tabular, bar diagram, Pie-chart and graphic • Data Analysis tests - Chi-square, t-test, z-test and f-test |
| Unit IV | Computerized data Analysis: <ul style="list-style-type: none"> • Introduction: SPSS, INNOVA& REGRESSION • Research Report: Structure, style, contents and guidelines • Reference Styles: APA(latest edition). |

Suggested Readings:

1. Best, J.W. & Kahn, J. (2005). Research in education. (10th ed.) New Delhi: Pearson
2. Bryman, A. (2012). Social research methods. (4th ed.). Oxford: Oxford University Press.
3. Henn, M., Weinstein, M. & Foard, N. (2009). A critical Introduction to Social Research. London: Sage.
4. Kothari, C.R. (2004). Research Methodology: Methods and Techniques. (2nd ed.). New Delhi: New Age International.
5. Pickard, A. J. (2013). Research Methods in Information. (2nd ed.). London: Facet.
6. Punch, K. F. (2014). Introduction to Social Research: Quantitative and qualitative Approach. (3rd ed.). London: Sage.
7. Kumar, R. (2011). Research Methodology: A step-by-step for beginners. (3rd ed.). London: Sage.
8. Sehgal R.L. (1998). Statistical methods for Libraries. New Delhi: EssEss Pub.
9. Sinha, S.C. & Dhiman, A.K. (2002). Research Methodology. (Vol. 2). New Delhi :EssEss. Pub.
10. Wildemuth, B. M. (2009). Applications of Social Research to questions in information and libraries Science. Westport: Libraries Unlimited
11. Busha, C.H. & Harter, S. P. (1980). Research methods in librarianship: Techniques and interpretation. New York : Academic Press Kumar, K. (1992). Research methods in library and information science. New


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M. Lib. I. Sc.
SEMESTER-II

| | | | |
|------------------------|--|------------------------|--------------------------|
| Course Code | LIS-402 | | |
| Course Name | Information Analysis, Consolidation and Repackaging | | |
| Credits | 6 | | |
| Max. Marks= 100 | Final Examination =80 | Internal Assessment=20 | Duration of Exam=3 hours |

Course Outcome:

After completing this course students will be able to:

- Know the meaning, objectives, use and importance of Consolidation and Repackaging.
- introduce the information repackaging and consolidation techniques
- Understand the concept of marketing of information products & services.
- To be familiar with the current trends in marketing of Information services and products.

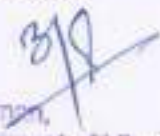
Note for the Paper Setter: The question paper will consists of Nine questions in all. The first question will be compulsory and will consist of Ten short questions of 2 marks each covering the whole syllabus. In addition, Eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions selecting at least one question from each unit of 15 marks each.

Course Contents:

| Unit | Description of Course |
|-----------------|--|
| <i>Unit I</i> | Information Analysis, Consolidation and Repackaging: Concept, need and process. Guiding Principles for arrangement and presentation of idea in a helpful sequence. Information Consolidation Products: Concepts, types, design, development and methodology. Knowledge and skills required for information analysis and consolidation. |
| <i>Unit II</i> | Information Products: Newsletters, Hand Books, House Bulletins, In-house Communication, Trade Bulletin, Product Bulletin, State-of-the-Art Report, Trend Report, Technical Digest: Nature, concept, types, design; and development |
| <i>Unit III</i> | Content Analysis: Concept, types and processes. Abstract: Definition and types, Characteristics and Qualities of good abstracts. Abstracting: need and process. Computers and Abstracting. Abstracting organizations and Services. |
| <i>Unit IV</i> | Planning and Management of Information Analysis and Consolidation Unit. Marketing of Information Products - Concept, need and benefits; 5 Ps of Information Marketing; Marketing in profit and non-profit organizations. |

Suggested Readings:

1. Bhattacharyya, G. & Gopinath, M.A. (Eds). (1981). Information analysis and consolidation: Principles, procedures and products. In DRTC Annual seminar No.18. Bangalore: D.R.T.C.
2. Cleveland, D. & Cleveland, A. (2013) Introduction to indexing and Abstracting. (4th ed). Englewood: Libraries Unlimited.
3. Drotner, K. & Schroder, K. C. (2010). Digital content creation: perception, practices and perspectives. New York: Peter Lang.
4. Gupta, B.M. (Ed.). (1988-2000). Handbook of libraries, archives and information centers in India. (Vols 16.) New Delhi: Information Industry pub.
5. Koltay, T. (2010). Abstracts and abstracting: a genre and set of skills for the 21st century. Oxford, Chandos .
6. Saracevic, T.& Wood, J.S. (1981). Consolidation of information: A handbook of evaluation, restructuring and repackaging of scientific and technical information. Paris: UNESCO.
7. Seetharama, S. (1997). Information consolidation and repackaging. New Delhi: EssEss pub.
8. Singh, S. (2014). Information Analysis and Consolidation. New Delhi. Atlantic Publishers.
9. Branderth, M. (1982). Specialised information analysis centres in international development: Report of a meeting held at Montebellow Quebec, Canada: I.D.R.C..
10. Carroll, B. T. &Maskewitz, B. F. (1980). Information analysis centers. In Williams, Martha E. (Ed) Annual review of information science and technology. (Vol.15).
11. Crawford, J. (2003). Evaluation of library and information services. Routledge.
12. Kertesz, F. (1978). Guidelines for establishing and operating information analysis centers. Paris: UNESCO.
13. Seetharama, S. (1985). Modes of presentation of information in information consolidation products. SRELS Journal of Information Management, 22(1), 44-56


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**M. Lib. I. Sc.
Semester-II**

| | | | | |
|------------------------|---|----------------------------|----------------|------------------------------|
| Course Code | LIS-403 | | | |
| Course Name | Library Automation and Networks (Theory) | | | |
| Credits | 5 | | | |
| Max. Marks= 100 | Final Examination =50 | Internal Assessment =20 | Practical = 30 | Duration of Exam =3 hours |

Course Outcome:

After completing this course students will be able to :

- Understand the various working and functions of library automation systems.
- To know various tools necessary for library automation.
- To know about ILMSs
- Get them acquainted with the various information organization standards and networking protocols required in a library automation system.

Note for the Paper Setter: The question paper will consists of Nine questions in all. The first question will be compulsory and will consist of Five short questions of 2 marks each covering the whole syllabus. In addition, Eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions selecting at least one question from each unit of 10 marks each.

| Unit | Description of Course |
|-----------------|---|
| Unit I | Library automation <ul style="list-style-type: none"> • Definition, need, purpose and advantages, historical Development • Library Automation Process • Areas of Automation: Acquisition, Cataloguing, Access to Catalogue(OPAC), Circulation and Serial Control • Advantages and barriers of Library Automation |
| Unit II | Library Automation Softwares <ul style="list-style-type: none"> • ILMS: Concept, features and Types. • Open Source Software: KOHA, Evergreen, NewGenLib (Introduction and Features) • Proprietary Software : SOUL and LIBSYS (Introduction and Feature) • Freeware Software: e-Granthalaya (Introduction and Feature) |
| Unit III | Automation Standards, Tools & Techniques: <ul style="list-style-type: none"> • Retrospective conversion techniques and process • Standard relevant to Library Automation: MARC, UNIMARC, FRBR, CCF, RDA • Information retrieval protocol: Z39.50 • Barcode Technology: Need, Purpose and implementation. • RFID Technology: Need, Purpose and implementation. |

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| Unit IV | Library networks and information systems <ul style="list-style-type: none"> • Library Networks : (National and International) • Documentation Center: NIScPR, DESIDOC, SENDOC, NASSDOC • Information Systems :PADIS, ENVIS, INIS, AGRIS, BIOSIS, MEDLARS |
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Library Automation and Networks (Practice)

Note: The practical will be of 30 marks and will be conducted by the Department internally.

| Unit | Description of Course |
|----------|--|
| Unit I | Hands-on experience with the WINISIS and CDS/ISIS |
| Unit II | Open Source : Hands-on experience with the KOHA |
| Unit III | Freeware : Hands-on experience with the e-Granthalya |
| Unit IV | Mini Project |

Suggested Readings:

1. R.S.Aswal. Library Automation for 21st Century, New Delhi, Ess Publication.
2. Desiree Webber and Andrew Peters. Integrated Library Systems: Planning, Selecting, and Implementing, London: Libraries Unlimited, 2010.
3. Thomas R. Kochtanek and Joseph R. Matthews. Library Information Systems: From Library Automation to Distributed Information Access Solutions, London: Libraries Unlimited, 2002
4. H. K. kaul. Library Networks: An Indian Experience, New Delhi: Virgo Publications, 1992.
5. Satyanarayana, N. R. A manual of computerization of libraries. New Delhi: Viswa Prakashan, 1995.
6. John M. Cohn, Ann L. Kelsey and Keith Michael Fiels .Planning for library automation: A Practical Handbook, London : Library Association, 1998.
7. Michael D. Cooper, Design of Library Automation Systems: File Structures, Data Structures, and Tools, London: John Wiley & Sons


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M. Lib. I. Sc.
SEMESTER – II

| | | | |
|-----------------|---------------------------------------|------------------------|--------------------------|
| Course Code | LIS-404 | | |
| Course Name | Digital Preservation and Conservation | | |
| Credits | 6 | | |
| Max. Marks= 100 | Final Examination =80 | Internal Assessment=20 | Duration of Exam=3 hours |

Course Outcome:

After completing this course students will be able to :

- Know the ways to examine the various components of a preservation program and will be able to differentiate between conservation and preservation of library materials.
- Identify various factors of deterioration of library materials.
- Design effective security and disaster planning program.
- Assess strategies for devising a mission statement and developing a preservation policy.

Note for the Paper Setter: The question paper will consist of Nine questions in all. The first question will be compulsory and will consist of Ten short questions of 2 marks each covering the whole syllabus. In addition, Eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions selecting at least one question from each unit of 15 marks each.

Course Contents:

| Unit | Description of Course |
|-----------------|---|
| <i>Unit I</i> | <ul style="list-style-type: none"> • Preservation and Conservation: Meaning, Definition, Historical Development, Need and Purpose. • Digital Preservation: Tools, Policy, Approaches Strategy, Standard and Evaluation (PREMIS) • Problems in Preservation and Conservation |
| <i>Unit II</i> | <ul style="list-style-type: none"> • Preservation of Printed material: Books, Periodicals and Pamphlets • Preservation of Non Printed Material: Palm Leaves, Manuscripts, Films • Preservation Metadata Maintenance Activity |
| <i>Unit III</i> | <ul style="list-style-type: none"> • Disaster and Risk Management in Library, archives and museums • Hazards to library materials: Environmental Factors, Biological Factors, Chemical Factors • Integrated Pest Management • Indigenous traditions and manuscript preservation |

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|----------------|---|
| <i>Unit IV</i> | <ul style="list-style-type: none"> • Digitalization: Meaning, archive of heritage material and their creation • Preservation Projects. Archiving: Concepts, Methods and Procedures. • Preservation Initiatives: National Mission on Manuscripts, National Archives of India, IGNCA • Binding :Concept, types, Materials and their varieties and process • Binding Standards of Library Binding |
|----------------|---|

Suggested Readings:

1. Feather, John (1996). Preservation and the Management of Library Collections. 2nd Ed. London: Library Association Publishing.
2. Henderson, Kathryn Luther and Henderson, William T. (ed). (1983). Conserving and Preserving Library Materials. Urbana Champaign: University of Illinois.
3. Harvey, Ross. (1994). Preservation in libraries: principles, strategies and practices for librarians. London: Bowker Saur.
4. Johnson, Arthur W. (1983). The Practical Guide to Book Repair and Conservation. London: Thames and Hudson.
5. Morrow, Carolyn Clark. (1983). The Preservation Challenge: A Guide to Conserving Library Materials: Knowledge. Industry Publications. National Archives of India. (1988). Repair and Preservation of Records. New Delhi.
6. Prajapati, C.L. (1997). Archive-Library Materials – Their Enemies and Need of First Phase Conservation. New Delhi: Mittal Publications.


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M. Lib. I. Sc.
SEMESTER – II

| | |
|--------------------|---------------------|
| Course Code | LIS-405 |
| Course Name | Dissertation |
| Credits | 6 |

Course Outcome:

After completing this course students will be able to :

- Develop research skills.
- Solve research problems through 'scientific method' of investigation;
- Develop writing, presentation, communication and analytical skills;
- Develop ability to apply multi disciplinary concepts, tools and techniques; and solve problems of libraries information-centers, knowledge centers and similar other organizations.

Course Content:

Dissertation will be of 100 marks and will be evaluated by the subject experts recommended by the Chairman of the Department and duly approved by the Hon'ble Vice Chancellor of the University.


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