

KUMAUN UNIVERSITY, Nainital
ORDINANCE OF M.L.I.Sc.
(w.e.f. session 2018-19)

1. Eligibility Conditions: -

Candidates seeking admission to the course must have passed a Bachelor Degree in Library and Inf. Sc. at least with 50% marks.

2. Admission Process: -

2.1. Admission to M.L.I.Sc. will be made as per the rules prescribed by Kumaun University/State Govt. from time to time.

2.2. Admission will be made through Entrance Test/Merit only.

2.3. Inter Institute/Department migration shall not be permitted.

3. Attendance: -

3.1. Each student is required to attend all the lectures, tutorials, practical, assignments and other prescribed curricular and co-curricular activities. He/she must have at least 70% attendance in lectures and practical in each subject.

3.2. However as a special case, the Director/Head of the Institute/University may condone the shortage of attendance below 70% up to 10% for any student absent with prior permission on grounds of medical/sports/ cultural or similar activities.

4. Duration:-

4.1. Total duration of M.L.I.Sc. course shall be one year and shall spread over two semesters.

4.2. Each semester shall have teaching for minimum prescribed working days as per University norms.

4.3. Maximum period allowed to a candidate for completion of M. Lib & I. Sc. course will be two academic years.

5. Curriculum: -

The one-year duration will be divided into two semesters as given in scheme of examination (Annexure 1). The Curriculum will include lectures, practical/practice, assignments, etc. It can also include co-curricular and extra-curricular activities as prescribed by the University/Institute.

6. Examination: -

6.1. Student's performance will be evaluated through continuous assignments in the form of class tests, attendance, assignments, quizzes, viva-voce/practical etc.

6.2. There will be an examination in theory subjects and practical conducted by the university at the end of each semester.

6.3. The distribution of marks shall be as per the prescribed scheme of examination (*ANNEXURE 1*).

6.4. The minimum marks for passing the examination for each semester shall be 40% marks in each paper separately in internal and external examination and 50% in the aggregate of the semester.

6.5. Pass /fail/promotion in a particular semester shall be decided purely on the basis of marks obtained in that semester.

7. Promotional Rules: -

7.1. All candidates will be promoted to Semester II after exam of semester I.

7.2. A candidate who fails in two papers in each semester would be eligible for back-paper examination along with other students who have passed in all papers but want to improve their percentage. Two papers of each semester are allowed for improvement of percentage.

7.3. A candidate who fails in more than two papers in any of the semester would be eligible to take examination as an ex-student in the next session.

7.4. The provision of improvement exam would be after declaration of the result of the 2nd semester exam.

8. Division award: -

At the end of the II semester, successful candidates will be awarded division and degree on the basis of total marks obtained (combined result) of both semesters put together as under:-

- | | |
|-------------------|-------------------|
| (a) 60% and above | : First Division |
| (b) 50% and above | : Second Division |

However, if any candidate obtains less than 50% marks in aggregate in Semester I and Semester II examinations shall have to appear for improvement examination in any papers as per clause no. 7.2 or all papers as per clause no. 7.3 to make 50% marks in aggregate.

Note: To make 50% marks in aggregate, a candidate can appear in only those paper(s) in which he/she has obtained less than 50% marks.

9. Improvement/Back paper examination: -

The students those who want to appear in back paper or improve their percentage in two papers of each semester as per clause no. 7.2, a special Improvement/Back exam of I Semester will be arranged with II Semester examination and II Semester Back/Improvement examination will be arranged within one month after declaration of result of second semester.

10. Dissertations:

Student shall submit dissertations on the basis of their work, which will carry 100 marks. (ANNEXURE-1)

11. Viva-Voce

There will be a viva-voce examination conducted jointly by external and internal examiners, which shall carry 50 marks. (ANNEXURE-1)

12. Study Tour: Every year the Institute shall organize visits of Libraries/Information Centers in which participation by M.L.I.Sc. students shall be optional. Expenses are to be incurred by the students themselves.

ANNEXURE 1
(w.e.f. session 2018-19)
Scheme of Examination
M.L.I.Sc.(First Semester)

S.No	Subject Code	Subject Name	Distribution of Marks		Subject Total
			IA	ESE	
1	M.L.I.Sc.101	Information & Communication	30	70	100
2	M.L.I.Sc.102	Research Methodology and Statistical Techniques	30	70	100
3	M.L.I.Sc.103	Information Analysis, Consolidation and repackaging	30	70	100
4	M.L.I.Sc.104	Information Technology (Theory)	30	70	100
5	M.L.I.Sc.105	Information Technology (Practical-I)	15	35	50
6	M.L.I.Sc.106	Advance Library Classification: UDC	15	35	50
		Total			500

M.L.I.Sc. (Second Semester)
(w.e.f. session 2018-19)

S.No	Subject Code	Subject Name	Distribution of Marks		Subject Total
			IA	ESE	
1	M.L.I.Sc.201	Literature and Information Systems in Natural Sciences OR Literature and Information Systems in Social Sciences	30	70	100
2	M.L.I.Sc.202	Information System Management	30	70	100
3	M.L.I.Sc.203	Information Storage and Retrieval	30	70	100
	M.L.I.Sc.204	Dissertation	50	50	100
5	M.L.I.Sc.205	Information Technology (Practical-II)	15	35	50
		Training & Viva			50
		Total			500

IA: Internal Assessment, ESE: External Semester Examination.

Syllabus of M.L.I.Sc. 1st Semester

w.e.f: 2018-19

IA-30 (Max.)

Theory-70 (Max.)

Total-100 (Max.)

Time- 3Hours

M.L.I.Sc.-101 : Information and Communication

Note- The paper is divided into 4 units. The examinees will be required to attempt questions as per instructions. Section A is objective type each 1 marks (total 10 questions, 10 marks), Section B contains short answer type questions, which carries 10 questions and only 7 questions have to attempt. Each question is of 5 marks (total 35 marks). Section C contains long answer type questions which carry 3 questions and only 2 questions have to attempt. Each question carry 15 marks (total 30 marks). The examiner will set questions from each unit. The mode of question paper will be in Hindi and English both.

UNIT-I: Nature of Information

- Information: characteristics, nature, value and use
- Conceptual difference between data, information and knowledge
- Information Growth: Patterns and Models; Obsolescence of Literature
- Information Science: Definition, Scope, Evolution. Relation with Library Science and Documentation.
- Trends in Scientific Communication

UNIT-II: Knowledge Generation to Utilisation

- Information Industry-Generators, Providers and Intermediaries
- Information as an Asset and Economic Resource
- Information Transfer Cycle- Formal and Informal; Directed and Nondirected; Modes and Media; Invisible College

UNIT-III: Social Implications of Information

- Information and Social Development; Social Change; Economic Development
- International Context of Information; Role of International Organisations
- Intellectual Property Rights Acts; Right to Information
- Concept of freedom, Censorship, Data security and fair use

UNIT-IV

- Study of existing Policies and Prgrammes relating to Information Infrastructure, Systems and Services. National Knowledge Commission.
- National Policy on Library and Information Systems and Services
- National Policy on Information Technology

References:

1. Doyle, Lauren B (1970), *Information retrieval and processing*, Los Angeles, Melvil.
2. Prasher, R.G (2003), *Information & its Communication*, Ludhiyana , Meddallion.
3. Kwatra, P. S (2000), *Text Book of Information Science*, New Delhi, APH.
4. Khan, M .T.M (1998), *Information Organization & Communication*, New Delhi, Ess Ess.

5. Guha, B (1999), *Documentation & Information: Services, Techniques and Systems*, Calcutta, World press.
6. Kwatra, P.S (2000), *Library user study and two thousand plus*, New Delhi, APH.
7. Sharma ,Pankaj (2004), *Knowledge management*, New Delhi, APH.

M.L.I.Sc.-102 : Research Methods and Statistical Techniques

IA-30 (Max.) Theory-70 (Max.) Total-100 (Max.) Time- 3Hours

Note- The paper is divided into 4 units. The examinees will be required to attempt questions as per instructions. Section A is objective type each 1 marks (total 10 questions, 10 marks), Section B contains short answer type questions, which carries 10 questions and only 7 questions have to attempt. Each question is of 5 marks (total 35 marks). Section C contains long answer type questions which carry 3 questions and only 2 questions have to attempt. Each question carry 15 marks (total 30 marks). The examiner will set questions from each unit. The mode of question paper will be in Hindi and English both.

UNIT-I: Research

- Concept, Meaning, Need and Process of Research.
- Types of Research – Fundamental and Applied.
- Types of Research Design.
- Identification and Formulation of Problem.
- Hypothesis: Definitions, Functions and Types.
- Designing Research Proposal.
- Ethical Aspects of Research.
- Literature Search – Print, Non-Print and Electronic Sources.
- Research Reporting: Structure Style and contents.(Guidelines for Research Reporting)

UNIT-II: Research Methods

- Spiral of Scientific Method. (S.R. Rangnathan)
- Historical Method.
- Experimental Method.
- Descriptive Method
- Survey Method and Case Study Method.
- Bibliometrics: Concept and definition, Bibliometrics Laws: Bradford, Zipf, Lotka, Bibliographic Coupling and Citation Analysis, Webometrics, Impact Factors

UNIT-III: Research Techniques and Tools

- Questionnaire
- Interview
- Observation
- Documentary Records and Reports
- Sampling Techniques

UNIT-IV: Descriptive Analysis and Interpretation

- Descriptive Statistics- Measures of Central Tendency – Mean, Mode, Median.
- Measure of Dispersion, Variance and Co-Variance.
- Standard Deviation
- Inferential Statistics
- Z-T test Correlation
- Regression- linear and non- linear
- Chi- Square test
- Tabulation and Generalisation
- Graphical presentation of data Bar, Pie, Line graphs, Histograms
- Sociometry

References:

1. Charles (H) and other, Research Methods in Librarianship : Techniques and Interpretations. 1980
2. Krishan Kumar, Research Methods in Library and Information Science, New Delhi, Vikas Publishing House. 1992
3. Powell (Ronald R). Basic Research Methods for Librarian. 1985
4. Ravi Chandra Rao(I K). Quantitative methods in Library and Information Science, New Delhi. Wiley Eastern Limited, 1983
5. Saravanavel (P). Research and Report Writing. 1993

M.L.I.Sc.-103 : Information Analysis, Consolidation and Repacking

IA-30 (Max.)

Theory-70 (Max.)

Total-100 (Max.)

Time- 3Hours

Note- The paper is divided into 4 units. The examinees will be required to attempt questions as per instructions. Section A is objective type each 1 marks (total 10 questions, 10 marks), Section B contains short answer type questions, which carries 10 questions and only 7 questions have to attempt. Each question is of 5 marks (total 35 marks). Section C contains long answer type questions which carry 3 questions and only 2 questions have to attempt. Each question carry 15 marks (total 30 marks). The examiner will set questions from each unit. The mode of question paper will be in Hindi and English both.

UNIT-I : Information Consolidation.

- Definitional Analysis, purpose, process and role of Information Consolidation.

- Value and benefits of Consolidation.
- Analysis, Packaging and Repackaging of Information.
- Modes of presentation of Information.

UNIT-II: Abstract and Abstracting

- Various Condensation Products: Abstract, Extract, Digest, Summary
- Types of Abstracts; Standards and Guidelines for Preparing Abstracts.
- Stages of writing Abstracts

UNIT-III: Information Products and Techniques

- Information Products: Types and Methodology for Preparation.
- Role of various specialists in Design and Development of Information Products.
- Methodology for preparation of House Journals, Technical Digests, Trend Reports, Reviews and related products.

UNIT-IV: Management of Information Consolidation Centers

- Information Institutions and Centers
- Management of an Information Consolidation Unit (ICU).
- Concept of Marketing.
- Marketing of Information Products and Services.

Books Recommended

1. SEETHARAMA(S). Information consolidation and repackaging. 1997. Ess Ess, New Delhi
2. ATHERTON (Pauline). Handbook for information System and Services. 1997. Unesco, Paris.
3. DRTC Annual Seminar 18, 1981.
4. SARACEVIC (Y) and WOOD (J S). Consolidation of Information: A Handbook of evaluation, restructuring and repackaging of scientific and technical information 1981. Unesco, Paris.
5. SEETHARAMA (S). Modes of presentation of information in information consolidation products. Library Science with a Slant to Document, 22; 1985; Paper E.

M.L.I.Sc.-104 : Information Technology (Theory)

IA-30 (Max.)

Theory-70 (Max.)

Total-100 (Max.)

Time- 3Hours

Note- The paper is divided into 3 units. The examinees will be required to attempt questions as per instructions. Section A is objective type each 1 marks (total 10 questions, 10 marks), Section B contains short answer type questions, which carries 10 questions and only 7 questions have to attempt. Each question is of 5 marks (total 35 marks). Section C contains long answer type questions which carry 3 questions and only 2 questions have to attempt. Each question carry 15 marks (total 30 marks). The examiner will set questions from each unit. The mode of question paper will be in Hindi and English both.

UNIT-I

- Internet Basic features and applications.
- Network protocols: TCP/IP, FTP, HTTP.
- Connectivity, Dial up, ISDN, Leased Lines, Digital Subscriber Lines
- E-mail
- Search Engines
- Web Browser: Netscape Navigator, Internet Explorer
- Library 1.0, Library 2.0, Library 3.0 and its services

UNIT-II

- Digital Libraries: Genesis, definition, objectives, scope
- Image formats, Audio formation
- Storage Media Formats –DVD, ISO-9660
- Software and Hardware for digital libraries, OCR, Image Editing Software
- Open access, open standards and open source in libraries
- Input capture devices □scanners, digital & movie cameras
- Meta Data, Dublin Core

UNIT - III

- Management information system.
- Data warehousing, Data Mining
- A brief idea of electronic publishing, electronic bulletins, e-journals, subject gateways
- Video text, Tele-text, Tele-facsimile, Tele-conferencing
- Online Searching of MEDLINE, DIALOG, OCLC

References:

- 1 Devrajan, G and Rahelamma, A.V, (1990) *Library Computerization in India*, New Delhi, Ess Ess,
- 2 Satyanarayanan,, N R. A Manual Of Library Computerization and Networking .
1. Forouzan, B(2003), *Introduction to Data Communication and Networking* ,4th ed, New Delhi, TMH.
2. Malwad, N M and others, Ed. *Digital Libraries: Dynamic Storehouse of Digitized Information*.
3. Mittal, C (2001)., *Fundamentals of Information Technology*
4. Mukherjee, D.P (1999), *Fundamentals of Computer Graphics and Multimedia*, New Delhi, PHI.
5. Nair, Raman (1992), *Computer Application to Library and Information Services*, N.Delhi, Ess Ess.
6. Satyanarayana, N.R (2003), *A Manual of Library Automation and Networking*, 2nd ed., Lucknow, New Royal Book.
7. Sinha P K(2004), *Computer Fundamentals*, 3rd ed., New Delhi, BPB.
8. Krishan Gopal(2001), *Digital libraries in electronic information era*, New Delhi, Authors Press.

M.Lib & I.Sc-M.L.I.Sc.-105 - Information Technology (Practical)-I

Open Source Software-D-Space: KOHA

KOHA

- Overview of KOHA features.
- Installation of KOHA
- Create vendors with full details
- Place Book order
- Enter the data in cataloguing module
- Create Patrons/Users
- Issue/Return of Books

M.Lib & I.Sc-106: Advance Library Classification: UDC

IA-15 (Max.)

Theory-35 (Max.)

Total-50 (Max.)

Time- 3 Hours

Note: The question paper will be divided into Two Sections: Section A and B. Distribution of Marks and scheme of examination will be as follows:

Section - A

7 Titles will be given in this Section and the examinees will be required to attempt all the Titles. Each Title will carry 3 Marks.

Section - B

3 Titles will be given in this Section and the examinees will be required to attempt 2 Title. Each Title will carry 7 Marks.

Syllabus: Classification of Complex Titles of Monographs and Research Articles by Universal Decimal Classification, latest available Abridged Edition.

2nd Semester

M.L.I.Sc.-201 (A) : Literature and Information Systems in Natural Sciences

IA-30 (Max.) Theory-70 (Max.) Total-100 (Max.) Time- 3Hours

Note- The paper is divided into 4 units. The examinees will be required to attempt questions as per instructions. Section A is objective type each 1 marks (total 10 questions, 10 marks), Section B contains short answer type questions, which carries 10 questions and only 7 questions have to attempt. Each question is of 5 marks (total 35 marks). Section C contains long answer type questions which carry 3 questions and only 2 questions have to attempt. Each question carry 15 marks (total 30 marks). The examiner will set questions from each unit. The mode of question paper will be in Hindi and English both.

UNIT-I:

- Scope and Development of Natural Sciences
- Definition, Scope and Development of Mathematics, Physics, Chemistry, Zoology and Botany; Role of significant contributors in the development of these Disciplines

UNIT-II

- Primary Sources: Periodicals, Standards, Patents, Dissertations, Bulletins
- Web based sources
- Evaluation of representative sources in each category

UNIT-III

- Secondary Sources: Bibliographies, Dictionaries, Formularies, Treatises, Monographs, Textbooks.
- Tertiary Sources: Directories, Trade Catalogues, Guide to Literature and Bibliography of Bibliographies.
- Web based sources
- Evaluation of representative sources in each category

UNIT-IV

- History of Information Systems and Networks in Natural Sciences
- Study of Science Information Systems at National and International level: INIS, AGRIS, MEDLARS, ENVIS, BTISNET

References:

1. Batten, W. E. (1970), *Hand book of Public Librarianship and information wor*, London, Aslib.
2. Rowley, J. E. (1979.) and Turner, C. M. D, *Dissemination information*, London, Andre Deutsch.
3. Prasher, R. G. (2003), *Information & its Communication*, New Delhi, Meddallion.
4. Kwatra, P.S (2000), *Text Book of Information Science*, New Delhi, APH.
5. Khan, M.T.M(1998), *Information Organization & Communication*, New Delhi, Ess Ess.
6. Guha, B (1999), *Documentation & Information: Services, Techniques and Systems*, Calcutta, World press.

M.L.I.Sc. 201(B): Literature and Information Systems in Social Sciences

IA-30 (Max.) Theory-70 (Max.) Total-100 (Max.) Time- 3Hours

Note- The paper is divided into 4 units. The examinees will be required to attempt questions as per instructions. Section A is objective type each 1 marks (total 10 questions, 10 marks), Section B contains short answer type questions, which carries 10 questions and only 7 questions have to attempt. Each question is of 5 marks (total 35 marks). Section C contains long answer type questions which carry 3 questions and only 2 questions have to attempt. Each question carry 15 marks (total 30 marks). The examiner will set questions from each unit. The mode of question paper will be in Hindi and English both.

UNIT – I: Structure and Development of Social Sciences

- Growth and Development of Social Sciences.
- Definition, Scope and Landmarks in the disciplines of:

• Political Science	•History
• Economics	•Sociology

UNIT – II: Documentary Sources

- Social Science Information System: Components.
- Information Sources: Documentary and Non-documentary; Popular and Scholarly Literature; Derived and Bibliographical Sources.
- Web based Information Sources: E-journals, E-Reference Sources, Subject Gateways, Institutional Repositories, Digital Libraries.
- International Encyclopedia of Social and Behavioural Sciences, International Bibliography of the Social Sciences, International Political Science Abstracts, PsycINFO, Bibliography of Doctoral Dissertations (Social Sciences and Humanities), Guide to Indian Periodical Literature, Statistical Abstracts India, ProQuest, Web of Science, EBSCOhost databases.

UNIT – III: Institutional Sources

- Institutions connected with Social Science Information Generation and Dissemination.
- Study of the activities of: ICSSR, ICWA, Indian Institute of Management - Ahmedabad, Indian Institute of Public Administration, National Council for Applied Economic Research, TISS, UNESCO, ICHR, London School of Economics and Political Science, Social Science Research Council.

UNIT – IV: Information Systems and Networks

- Planning of Social Science Research Libraries.
- Evaluation of existing Information Systems and Networks in Social Sciences at National and International level: DELNET, INFLIBNET, NASSDOC, SENDOC, SSRN, DEVINSA, APINESS.

Suggested Readings

1. Hoselitz, B.F. *Reader's guide to the social sciences*. Rev. ed. Glencoe: Free Press, 1972.
2. ICSSR *Annual reports and newsletters*.
3. Lewis, P.R. *The literature of the social sciences; An introductory survey and guide*, 1960.
4. McKenzie, W.J.M, ed. *Guide to the social sciences*. London: Weidenfied and Nicolson, 1966.
5. Khanna J.K. and Vishisht K.K. *Landmarks and research trends in humanities and social sciences*. New Delhi: Ess Ess Publications.
6. Sardana, J.K. *Social Sciences documentation in India*. *Journal of Library and Information Science* 2(1) 1977, pp. 51-68.
7. Shores, Louis. *Basic reference sources*. Latest edition.
8. Balay, Robert. *Guide to reference books*. 11th ed. Chicago: ALA, 1996.
9. Vyas, S.D., *Social science information in India: Efforts towards bibliographic control*. N. Delhi: Concept, 1992.
10. Walford, A.J. *Guide to reference books*. 4th ed. 3V. London: LA, 1980.
11. White, C.M. et. al. *Sources of information in social sciences*. 2nd ed., 1973.
12. Webb, William H, ed. *Sources of information in social sciences*. 3rd ed. 1980.

M.L.I.Sc.- 202 Information System Management

IA-30 (Max.)

Theory-70 (Max.)

Total-100 (Max.)

Time- 3Hours

Note- The paper is divided into 4 units. The examinees will be required to attempt questions as per instructions. Section A is objective type each 1 marks (total 10 questions, 10 marks), Section B contains short answer type questions, which carries 10 questions and only 7 questions have to attempt. Each question is of 5 marks (total 35 marks). Section C contains long answer type questions which carry 3 questions and only 2 questions have to attempt. Each question carry 15 marks (total 30 marks). The examiner will set questions from each unit. The mode of question paper will be in Hindi and English both.

UNIT-I: Management

- Concept, Definition and Scope.
- Principles of Scientific Management.
- Management Schools of Thought: Classical School, Human Behaviour and Human Relation

UNIT-II: Human Resource Management

- Meaning, Functions and Objectives of HRM.
- Job Description, Job Analysis and Job Evaluation.
- Recruitment and Selection Procedure.
- Training and Development.
- Motivational Patterns: Maslow's Need Hierarchy. Herzberg's Two Factor Theory. McGregor's Theory X and Y.
- Performance Appraisal: Objectives, Problems in Rating, Methods of Performance Appraisal.

UNIT-III: System Analysis and Control

- System Analysis and Design.
- Work Flow and Organizational Routines.
- Monitoring Techniques: OR, MIS, MNBO, Network Analysis, Budgeting as a Monitoring Techniques, Monitoring Team or consultants.
- Evaluation Techniques.

UNIT-IV: Library Planning and Total Quality Management (TQM)

- Library Planning: Types of Plans, Factors and Techniques of Library Planning.
- TQM: Definition, Concept and Elements.
- Quality Standards: ISO 9000 Series
- Knowledge Management

References:

1. Evans (G.E.), Management techniques for libraries. Ed.2. 1983 Academic Press, New Youk.

2. STEURAT (Robert) and EASTLICK (John T). Library management Ed. 2. 1991. Libraries Unlimited, Colorado.
3. BROPHY (Peter) and COULLING (Kate). Quality management for information and library managers. 1996. Aslib Gover, Hampshire.
4. JONES (Noragh) and JORDAN (Peter). Case Studies in Library Management. 1988. Clive Bingley, London.

M.L.I.Sc.-203 : Information Storage and Retrieval

IA-30 (Max.)

Theory-70 (Max.)

Total-100 (Max.)

Time- 3Hours

Note- The paper is divided into 4 units. The examinees will be required to attempt questions as per instructions. Section A is objective type each 1 marks (total 10 questions, 10 marks), Section B contains short answer type questions, which carries 10 questions and only 7 questions have to attempt. Each question is of 5 marks (total 35 marks). Section C contains long answer type questions which carry 3 questions and only 2 questions have to attempt. Each question carry 15 marks (total 30 marks). The examiner will set questions from each unit. The mode of question paper will be in Hindi and English both.

UNIT-I : Organisation of Information

- Intellectual Organisation of Information: Classification Schemes, Indexing Systems, Lists of Subject Headings, Thesaurus
- Bibliographic Description-various formats and standards: ISBD, CCF, MARC21, Dublin Core
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UNIT-II : Information Retrieval.

- Information Retrieval: Meaning and Scope
- Search strategies: Manual/ Machine, Feedback and Refining.
- Evaluation of IR Systems.
- IR Models.
- Projects and Parameters.
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UNIT-III: Subject Cataloguing and Indexing: Principles and Practices

- Principles of Subject Cataloguing.
- Assigning Subject Headings using.
Library of Congress Subject heading (LCSH)
Sears List of Subject Headings (SLSH)
Chain Procedure.
- Models: Assigned and Derived. Pre and Post co-ordinate indexing.
- Citation Indexing

UNIT-IV: Indexing Languages and Vocabulary Control

- Indexing Languages: Types and Characteristics.
- Vocabulary Control: Concept, Meaning and Tools.
- Structure and Constructions of IR Thesauri.
- Trends in Automatic Indexing.

Books Recommended

1. FOSKETT (A C). Subject approach to information. Ed.5. Bingley, London.
2. CHOUDHARY (G G). Introduction to modern information retrieval. 1999. Library Association, London.
3. AUSTIN (Derek). PRECIS: A manual of concept analysis. 1984. British Library, London.
4. RAJAN (T N). Indexing systems: Concepts methods and techniques. 1981. IASLIC, Calcutta.

5. GILCHRIST (Alan). Thesaurus construction and design.

M.L.I.Sc.-204 : Dissertation

This paper will consist of areas such as annotated subject bibliography, case study, survey, trend report, etc. The paper will be of 100 marks.

The dissertations will be evaluated (including viva-voce exam) by an external examiner and will carry 50 marks.

Viva-voce examination will be conducted by a Board comprising External Examiner, Head of Department and Supervisor concerned.

M.L.I.Sc.- 205: Information Technology (Practice)-II

Digital Library Software: D-Space

D-Space

1. Installation of D-space
2. Customization of Repository
3. Creation of soft document from hard document
4. Creation of meta data
5. Upload document
6. Retrieval of document