# **University of Pune**

### REVISED SYLLABUS FOR ONE YEAR MLISc WITH SEMESTER AND CREDIT SYSTEM M.Lib.I.Sc. (One year course-Semester Pattern) Syllabus 2013-2014

### 1. Title of the course: Master of Library and Information Science(M.L.I.Sc.)

### 2. Duration of the Course: One year (Two Semesters credit system)

3. **Objectives of the Course**: Master of Library and Information Science(M.L.I.Sc.) of one year duration with semester and credit system has following objectives:-

- a) To train the students in the advanced skills of information/knowledge gathering, processing, organization and retrieval.
- b) To inculcate managerial skills in the students for planning & management of LICs.
- c) To develop research skills in students & enable them to carry out research in LIS.
- d) To provide thorough understanding of IT application in information environment including network and communication systems.
- **4. Introduction:** Master of Library and Information Science (M.L.I. Sc.) course is conducted in following colleges:-
  - 1. H.P.T. Arts and R.Y.K. Science College, Nasik
  - 2. Abasaheb Garware College, Pune
  - 3. C.T. Bora College, Shirur
  - 4. Tulajaram Chaturchand College, Baramati
- **5. Eligibility:** A candidate who has secured B.Lib.I.Sc. degree form any Indian University with at least 50% marks
- 6. External Students- This course is not open to external students. Only full time regular students are eligible for this course.

7.Structure of the Course: a) Compulsory papers:	
Semester – I (Total 16 Credits)	
Theory:	
Paper No. Title of the Paper	Ext. Int. Total
ML – 101 Information, Communication & Society	50 + 50 = 100
ML – 102 Introduction to Research Methodology & Statistical Techniques of Research	50 + 50 = 100
ML – 103 Information Retrieval	50 + 50 = 100
ML – 104 Information Technology: (Theory)	50 + 50 = 100
Total Marks	400

### Semester – II (Total 16 Credits)

ML – 204		100
	Information Technology Applications: Practical Project	50 + 50 = 100 100
ML - 202	Bibliographic Control & Information Systems	50 + 50 = 100
-	<b>. Title of the Paper</b> Management of Libraries & Information Centres	<b>Ext. Int. Total</b> 50 + 50 = 100

### c) Medium of Instruction-English

### d) Medium of writing examination-English & Marathi

- **8.** University terms For the award of Master of Library & Information Science (M.L.I.Sc.) a candidate shoulf fulfill the following conditions:
  - i) He/She shall have kept two terms for the Degree Course in Library & Information Science conducted by the University of Pune and
  - ii) He/She shall have completed the prescribed course to the satisfaction of the concerned Head of the Department.
  - iii) A student should have attended at least 75% of the total number of lectures and practicals in the said course, and shall have secures at least 40% of marks in termwork.

A student, who does not thus obtain 40% of marks in the termwork, will have to keep fresh terms.

# 9. Examination:-

# A) Total marks and their allocation per paper

/ <b>-</b>	<b>- -</b>
i) Semester I – Four Theory Papers	= 400 Marks
ii) Semester II- Two Theory Papers	= 200 Marks
One Practical	= 100 Marks
Project	= 100 Marks
Total	= 800 Marks

# **B)** Pattern of Question paper:

# Theory:

- 1. Question paper will be of 50 marks and questions will be asked from all the units of the syllabus.
- 2. Question paper will consist of four questions and all the questions shall be compulsory.
- 3. The duration of the paper will be two hours.

# **Practical:**

- 1. Question paper will be of 80 marks and question will be asked from all the units of the syllabus.
- 2. Question paper will consist of four questions and all the questions shall be compulsory.
- 3. The duration of the paper will be of two hours.

# 10. Subject wise detailed syllabus: (enclosed herewith)

# 11. Recommended books: (list attached)

- B) Standard of Passing:-
- C) ATKT Rules: -
- D) Award of Class:-

# University of Pune REVISED SYLLABUS FOR ONE YEAR MLISc WITH SEMESTER AND CREDIT SYSTEM M.Lib.I.Sc. (One year course-Semester Pattern) Syllabus 2013-2014 Semester – I (Total 16 Credits)

Theory:

Paper No. Title of the Paper	Ext. Int. Total
ML – 101 Information, Communication & Society	50 + 50 = 100
ML – 102 Introduction to Research Methodology & Statistical Techniques of Research	50 + 50 = 100
ML – 103 Information Retrieval	50 + 50 = 100
ML – 104 Information Technology: (Theory)	50 + 50 = 100
Total marks	= 400

# Semester – II (Total 16 Credits)

# Theory:

Paper No. Title of the Paper	Ext. Int.	Fotal
ML – 201 Management of Libraries & Information Centres	50 + 50 =	= 100
ML – 202 Bibliographic Control & Information Systems	50 + 50 =	100
ML – 203 Information Technology Applications: Practical	50 + 50 =	100
ML-204 Project		100
Total marks Grand Total marks	= =	400 800

# ML – 101 INFORMATION, COMMUNICATION AND SOCIETY

# **Objectives:-**

- 1. To introduce to the students the concept of Information & its Communication in Knowledge Society.
- 2. To familiarize the students with professionalism & LIS Education
- 3. To introduce students with the concept of Economics of Information and Information Industry & Knowledge Management.

	TOTAL NO. OF CREDITS = 4
UNIT 1	Information, Communication & Knowledge Society
	1.1Information: Characteristics & Properties of Information, Use of
	Information in R & D, Business and Industry,
1 CREDIT	Planning & Policy making, Management and Decision Making
	1.2 Information & its communication: meaning, forms and channels of
	communication, formal and Informal communication, models of
	communication, scientific communication, barriers of communication,
	library as a channel of communication.
	1.3 Knowledge Society and the Library : Knowledge Society: Genesis,
	Characteristics and Implication & Changing Role of LIC& professionals in
	Knowledge Society
UNIT 2	Unit 2 Library and Information Science Education & Professionalism
	2.1 Library and Information Science Education: definition of professional
	education, components of professional education, LIS as a discipline,
	levels & curriculum of LIS Education in UK, USA and India, methods of
1 CREDIT	teaching and evaluation in LIS Education, Accreditation of LIS Education
	in India, UK,& USA
	2.2 Professionalism: definition of profession & its characteristics, definition of
	Librarianship & changing role of library profession, role of professional
	associations in promoting librarianship, professional ethics( definition,
	concept, need & purpose)
UNIT 3	Information and Knowledge Management
	3.1 Information Management : concept & methods
1 CREDIT	3.2 Knowledge Management : definition, objectives, methods & tools
UNIT 4	Economics of Information
	4.1 Concept, and Substance of Economics, Economics of information
1 CREDIT	4.2 Economic Characteristics of Information as a commodity
	4.3 Information & Knowledge Industry -definition & kinds of knowledge
	industry (to be listed only)
	Information Industry Components: Generators, providers & intermediaries
	of Information

# ML-102 INTRODUCTION TO RESEARCH METHODOLOGY & STATISTICAL TECHNIQUES OF RESEARCH

# **Objectives:-**

- **1.**To introduce application of Research Methodology in LIS and inculcate research skills among the students.
- 2. To understand the use of various data collection tools & statistical techniques for research
- 3. To give exposure to current trends of Research in LIS.

	TOTAL NO. OF CREDITS = $4$
UNIT 1	Research & Research Design
1 CREDIT	<ul> <li>1.1 Research: definition, characteristics, objectives, types of research-Pure, Applied research including interdisciplinary and multidisciplinary research &amp; ethical aspects of research</li> <li>1.2 Research Design: definition, steps in research, identification of problem, literature search, hypothesis, designing research proposal</li> </ul>
UNIT 2	Research Methods, Research techniques and Tools
1 CREDIT	<ul> <li>2.1 Research Methods: ,historical method, descriptive method, survey method, experimental method, case study method, future research, Bibliometrics-concept, definition, laws,methods:content analysis, citation analysis evaluation research, comparative Librarianship, Introduction to Webometrics,Informetrics, Scientometrics, Librametry, Sociometry</li> <li>2.2 Research techniques and Tools : Questionnaire, Interview, Observation, Scales and Check lists, Sampling techniques :definition, purpose, types (probability &amp; non-probability)</li> </ul>
UNIT 3	Data Analysis and Interpretation
1 CREDIT	<ul> <li>3.1 Preliminary Analysis-data editing, classification, tabulation, graphic presentation</li> <li>3.2 Statistical Analysis-concept, Descriptive Statistics (measures of central tendency; dispersion-range, variance, standard deviation; correlation), Inferential Statistics (regression-linear &amp; non-linear, Z-T test, chi-square test), Statistical Packages- SPSS</li> </ul>
UNIT 4 1 CREDIT	<ul> <li>Research Reporting,</li> <li>4.1 Research Reporting: structure, style &amp; contents, style manual-Chicago, MLA, APA, citations of print and electronic sources</li> <li>4.2 Current trends in LIS research</li> </ul>

# ML-103 INFORMATION RETRIEVAL

**Objectives:-**

- 1. To understand use of indexing techniques, vocabulary control & search strategies for Information Storage & Retrieval.
- 2. To familiarize students with Information retrieval models and develop skills in designing thesaurus.
- **3.**To introduce Consolidation & Repackaging of Information into Information Products.

	TOTAL NO. OF CREDITS = 4
UNIT 1	Information Storage and Retrieval
	1.1 definition, purpose, components and types of information retrieval system
	1.2 Role of Indexing in Information Retrieval
1 CREDIT	Types of Indexing- pre-coordinate(Dr.S.R.Ranganathan's Chain indexing,
	POPSI, PRECIS, SLIC), post coordinate (UNITERM) and automatic
	Indexing (KWIC, KWAC, KWOC)
	1.3 Indexing languages and vocabulary control: definition, purpose & tools
	Thesaurus- Structure, thesaural relationships & construction
UNIT 2	Retrieval of Information
	2.1 Models for information retrieval: Input- Output Models and Theoretical
	Models.
	2.2 Information search and search strategy : type of search- keyword search,
1 CREDIT	Phrase search, keyword and subject search, truncation search, range search.
	Boolean logic and Venn Diagram.
	2.3 Searching the web
UNIT 3	Evaluation of Information Storage and retrieval system.
	3.1 Evaluation- need, types and criteria with example e.g. Cranfield Study and
1 CREDIT	MEDLAR Test.
	3.2 Current Trends in Information Retrieval: searching the web, open access
	repository and its creation, Portal- vortal, Datamining, Automatic text
UNIT 4	summarizing, Information standards and protocols.
UN11 4	Information Repackaging and Products.4.1 Information analysis, repackaging and consolidation: Concept, definition,
1 CREDIT	packaging and repackaging.
ICKEDII	Information consolidation activities, need, steps in information consolidation
	and repackaging process and advantages.
	4.2 Information Products: concept, types, design and development of
	information products.
	4.3 Marketing of information products and services: concept, need, market
	research, price, marketing mix, factors influencing the market.
	4.4 Trends in Information Analysis, Repackaging & Consolidation including
	electronic content creation & document delivery

# **ML - 104 INFORMATION TECHNOLOGY: BASICS**

# **Objectives:-**

- **1.** To introduce the concept & use of ICT and its application in Libraries and Information Centres.
- 2. Development of skills in planning and implementation of library automation

3. Study of digital library, use of e-documents & current trends in the use of ICT

	TOTAL NO. OF CREDITS = $4$
UNIT 1	Information & Communication Technology: Basics & Library Automation
	and Library Software
1 CREDIT	1.1 Information & Communication Technology: Basics of Communication
	technology, Components, transmission media (bounded, unbounded),
	transmission Mode (Simplex, half – duplex, full duplex, Multiplex),
	bandwidth (voice band, medium band, broadband)
UNIT 2	Networks & Internet
	2.1 Networks: definition, media (Optical fiber, Ethernet, Network Interface Card,
1 CREDIT	Hubs, Routers), switching techniques (Packet switching, circuit switching,
	cell switching), networks architecture (Peer to peer, client – server), OSI
	model
	2.2 Internet : Brief History, Components ,connectivity ( dial up, leased lines,
	ISDN – broadband, cable-internet, wireless, Internet over satellite), internet
	protocols(TCP/IP, HTTP, FTP), browsers & search engines :concept, types,
	examples, network based information services, Internet Security ,Intranet,
	Extranet
UNIT 3	Digital Library & Electronic Documents
	3.1 Digital Library: genesis, definition, characteristics, objectives, digitization-
1 CREDIT	devices (Scanners, Cameras) software, Data Warehousing & data mining
	:concept, application in libraries,Metadata-Brief history, standards-Dublin
	Core
	Virtual Library-concept, hybrid library, electronic library
	DOAJ-concept
	Institutional repository-concept
	Content management-concept
	3.2 Electronic Documents
	Multimedia-concept, elements, impact of multimedia on library services
	E journals-Nature, Acquisition, Evaluation criteria
	Databases-Definition, types (bibliographic, full text, statistical), e.g.
UNIT 4	Databanks-Evaluation criteria, e.g.
UNII 4	Current Trends in ICT
1 CREDIT	.Blogs, Wi-Fi, RFID, Subject Gateways, Portals, RSS Feeds, Twitter, Face book,
IUNEDII	Web 2.0, Web 3.0, Biometric Technology for library security, Open Source
	Software, Folksonomy, forums.
	Software, I offsoffoffiy, forums.

# **M.L.I.SC-SEMESTER II**

# MI-201 MANAGEMENT OF LIBRARIES AND INFORMATION CENTRES Objectives:-

**1.** To study the functions of management & their application to librarianship.

2. To familiarize students with the concept of System Analysis, Management of Change , TQM & Marketing of LIS services.

	TOTAL NO. OF CREDITS = 4
UNIT 1	Management & its functions
	1.1 Schools of management & approaches to management
1 CREDIT	1.2 Planning & Organizing
	1.2.1 Planning: definition, need, types, principles, steps, policies &
	procedures, decision making, MBO, Building and Space management
	in LICs, Risk & Contingency management
	1.2.2 Organization-structures, authority & its characteristics, delegation of
	Authority: modes, principles
	1.3 Human Resource Management: concept, job analysis, job description &
	job specification, recruitment & hiring procedures, training &
	development, discipline & grievances, performance appraisal, motivation
	& leadership theories
UNIT 2	Financial Management
	2.1 Budgeting techniques & methods -PPBS, ZBB
1 CREDIT	2.2 Budgetary control systems: cost-effectiveness & cost- benefit analysis
	2.3 Outsourcing-concept, need, benefits, limitations, library services to be
	outsourced
UNIT 3	System Analysis & Design
1 CDEDIT	3.1 Library as a system, system analysis & design
1 CREDIT	3.2 Monitoring & Control techniques: Management Information System,
	Network techniques- PERT/CPM
	3.3 Performance Measurement & Evaluation Technique
	3.3.1 Performance Measurement – concept, need, Performance
	Measurement in LICs, Time & Motion Study
	3.3.2 Performance Evaluation of libraries- meaning, objectives, stages,
	areas, method, evaluation of library performance, SWOT analysis
UNIT 4	Total Quality Management, Change Management, Marketing of Library & Information Services
1 CREDIT	
ICKEDII	4.1 Total Quality Management: Concept, objectives, elements, techniques, quality audit, TQM for LICs
	4.2 Change Management: Concept, forces of change, changes in procedure,
	types, steps, techniques, problems, Change Management in LICs
	Re-engineering- concept, steps, sources, Re-engineering in libraries
	4.3 Marketing of Library & Information Services: Concept, need, market
	analysis, market segmentation, marketing mix, marketing audit, marketing
	of library products & services, promotion techniques including electronic
	media

# ML-202 BIBLIOGRAPHIC CONTROL AND INFORMATION SYSTEMS Objectives:-

- **1.** To familiarize students with the meaning and tools for Bibliographical Control of Information.
- 2. To provide knowledge about the information systems and understand the rationale behind internationalization in information systems.

	TOTAL NO. OF CREDITS = 4
UNIT 1	Bibliographic control
	Concept, definition, aim, need.
1 CREDIT	1.1 UBC: concept and definition, needs and prerequisite to UBC at national and
	international level.
	1.2 UAP: Historical background and IFLA's role, Objectives and scope.
	Book acquisition at National level, Inter Library Loan, International
	Agreement on Book exchange.
UNIT 2	Bibliographic organization in India
	2.1 Government initiative- Delivery of book act, National Library- INB,
1 CREDIT	RRRLF, (ISBN).
	2.2 Bibliographic services in India-
	2.3 Library Networks and Consortia: definition, need, objectives, use, activities
	,services & examples (national & international)
	2.4Information and Documentation Centre in India: role, objective, scope,
	services & products-NISCAIR, NASSDOC, DESIDOC, SENDOC, DSIR,
	NCSI & IASLIC.
UNIT 3	Information policy
	3.1 Information policy- Meaning, need ,importance, process of formulation,
UNIT 3 1 CREDIT	3.1 Information policy- Meaning, need ,importance, process of formulation, guidelines
	<ul> <li>3.1 Information policy- Meaning, need ,importance, process of formulation, guidelines</li> <li>3.2 International Policy Issues –UNESCO, IFLA, FID,ICSU/AB</li> </ul>
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	<ul> <li>3.1 Information policy- Meaning, need ,importance, process of formulation, guidelines</li> <li>3.2 International Policy Issues –UNESCO, IFLA, FID,ICSU/AB</li> <li>3.3 Indian Initiatives- National Information Policy 1986, Right to Information Act, National Knowledge Commission 2008.</li> </ul>
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	<ul> <li>3.1 Information policy- Meaning, need ,importance, process of formulation, guidelines</li> <li>3.2 International Policy Issues –UNESCO, IFLA, FID,ICSU/AB</li> <li>3.3 Indian Initiatives- National Information Policy 1986, Right to Information Act, National Knowledge Commission 2008.</li> </ul>
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	<ul> <li>3.1 Information policy- Meaning, need ,importance, process of formulation, guidelines</li> <li>3.2 International Policy Issues –UNESCO, IFLA, FID,ICSU/AB</li> <li>3.3 Indian Initiatives- National Information Policy 1986, Right to Information Act, National Knowledge Commission 2008.</li> <li>3.4 Intellectual Property Rights, Copyright Act –salient features, Copyright Act &amp; Fair Use , plagiarism</li> <li>Information Systems: definition, objectives, need, importance and types.</li> </ul>
1 CREDIT	<ul> <li>3.1 Information policy- Meaning, need ,importance, process of formulation, guidelines</li> <li>3.2 International Policy Issues –UNESCO, IFLA, FID,ICSU/AB</li> <li>3.3 Indian Initiatives- National Information Policy 1986, Right to Information Act, National Knowledge Commission 2008.</li> <li>3.4 Intellectual Property Rights, Copyright Act –salient features, Copyright Act &amp; Fair Use , plagiarism</li> </ul>
1 CREDIT UNIT 4	<ul> <li>3.1 Information policy- Meaning, need ,importance, process of formulation, guidelines</li> <li>3.2 International Policy Issues –UNESCO, IFLA, FID,ICSU/AB</li> <li>3.3 Indian Initiatives- National Information Policy 1986, Right to Information Act, National Knowledge Commission 2008.</li> <li>3.4 Intellectual Property Rights, Copyright Act –salient features, Copyright Act &amp; Fair Use , plagiarism</li> <li>Information Systems: definition, objectives, need, importance and types.</li> <li>4.1 UNISIST (Global Information system)-rationale, objectives, impact of UNISIST</li> </ul>
1 CREDIT UNIT 4	<ul> <li>3.1 Information policy- Meaning, need ,importance, process of formulation, guidelines</li> <li>3.2 International Policy Issues –UNESCO, IFLA, FID,ICSU/AB</li> <li>3.3 Indian Initiatives- National Information Policy 1986, Right to Information Act, National Knowledge Commission 2008.</li> <li>3.4 Intellectual Property Rights, Copyright Act –salient features, Copyright Act &amp; Fair Use , plagiarism</li> <li>Information Systems: definition, objectives, need, importance and types.</li> <li>4.1 UNISIST (Global Information system)-rationale, objectives, impact of</li> </ul>
1 CREDIT UNIT 4	<ul> <li>3.1 Information policy- Meaning, need ,importance, process of formulation, guidelines</li> <li>3.2 International Policy Issues –UNESCO, IFLA, FID,ICSU/AB</li> <li>3.3 Indian Initiatives- National Information Policy 1986, Right to Information Act, National Knowledge Commission 2008.</li> <li>3.4 Intellectual Property Rights, Copyright Act –salient features, Copyright Act &amp; Fair Use , plagiarism</li> <li>Information Systems: definition, objectives, need, importance and types.</li> <li>4.1 UNISIST (Global Information system)-rationale, objectives, impact of UNISIST</li> <li>4.2 NISSAT- history, structure, objectives, Activities, of NISSAT, Sectoral</li> </ul>
1 CREDIT UNIT 4	<ul> <li>3.1 Information policy- Meaning, need ,importance, process of formulation, guidelines</li> <li>3.2 International Policy Issues –UNESCO, IFLA, FID,ICSU/AB</li> <li>3.3 Indian Initiatives- National Information Policy 1986, Right to Information Act, National Knowledge Commission 2008.</li> <li>3.4 Intellectual Property Rights, Copyright Act –salient features, Copyright Act &amp; Fair Use , plagiarism</li> <li>Information Systems: definition, objectives, need, importance and types.</li> <li>4.1 UNISIST (Global Information system)-rationale, objectives, impact of UNISIST</li> <li>4.2 NISSAT- history, structure, objectives, Activities, of NISSAT, Sectoral Centers- their field, scope and contribution.</li> </ul>
1 CREDIT UNIT 4	<ul> <li>3.1 Information policy- Meaning, need ,importance, process of formulation, guidelines</li> <li>3.2 International Policy Issues –UNESCO, IFLA, FID,ICSU/AB</li> <li>3.3 Indian Initiatives- National Information Policy 1986, Right to Information Act, National Knowledge Commission 2008.</li> <li>3.4 Intellectual Property Rights, Copyright Act –salient features, Copyright Act &amp; Fair Use , plagiarism</li> <li>Information Systems: definition, objectives, need, importance and types.</li> <li>4.1 UNISIST (Global Information system)-rationale, objectives, impact of UNISIST</li> <li>4.2 NISSAT- history, structure, objectives, Activities, of NISSAT, Sectoral Centers- their field, scope and contribution.</li> <li>4.3 International Information Systems.</li> <li>Subject scope, input-output processing, services&amp; products e.g. INIS, AGRIS, IFIS, ASFIS, TITUS, DEVSIS, ASTINFO, BIOSIS,</li> </ul>
1 CREDIT UNIT 4	<ul> <li>3.1 Information policy- Meaning, need ,importance, process of formulation, guidelines</li> <li>3.2 International Policy Issues –UNESCO, IFLA, FID,ICSU/AB</li> <li>3.3 Indian Initiatives- National Information Policy 1986, Right to Information Act, National Knowledge Commission 2008.</li> <li>3.4 Intellectual Property Rights, Copyright Act –salient features, Copyright Act &amp; Fair Use , plagiarism</li> <li>Information Systems: definition, objectives, need, importance and types.</li> <li>4.1 UNISIST (Global Information system)-rationale, objectives, impact of UNISIST</li> <li>4.2 NISSAT- history, structure, objectives, Activities, of NISSAT, Sectoral Centers- their field, scope and contribution.</li> <li>4.3 International Information Systems. Subject scope, input-output processing, services&amp; products</li> </ul>

# ML – 203 Information Technology – Applications

100 Marks

**Objective:-**

- 1. To provide students with hands-on-experience in the use of Library Software, CD and Internet Search.
- 2. To develop skills in web page designing.

	TOTAL NO. OF CREDITS = 4
UNIT 1 1 CREDIT	Using Library Software SOUL or any locally available library software. Creation & maintenance of bibliographic database of minimum 50 documents using SOUL or any locally available library software
UNIT 2 1 CREDIT	a.CD search :Study of minimum 5 CDs(text, graphic) b.Digitization of documents (scanning, OCR etc.)
UNIT 3 1 CREDIT	<ul> <li>a.Web Search :Searching information on two subjects using various search strategies-Basic, Advanced, truncation, wild card, pearl citation,google scholar, N-list etc.</li> <li>b. Content management software</li> </ul>
UNIT 4 1 CREDIT	Web Page Designing Open a Page, Create a New Page, and Give Pages a Consistent Look (egthemes), Add Page Elements (eg. Page Banner), Create Hyperlinks

# **ML-204 Project**

# Guided project100 marksObjective:1. To develop skills using research methods, techniques and tools.

(80 marks for project and 20 marks for viva)

Internal and external examiners shall each assign marks out of 40 for project and 10 for viva which shall then be cumulated together.

# **Important Note:**

1. Practical exam and viva for ML-203, ML-204 will be conducted in both semesters and examination will be conducted in Second Semester only.

### **Guidelines:**

Out of 100 marks of theory paper, 50 marks are allotted for theory paper and 50 marks are for internal assessment. These 50 marks are for -

- (a) Assignment 20 marks
- (b) Seminars10 marks(c) Tutorials20 marks

# Practical

# Paper No. ML-203 IT Practicals : (80+20=100 marks)

These 100 marks are divided as :		
(i) External Examination		50 Marks
(ii) Internal examination		50 Marks

# (i) External Examination

(a) Using SOUL or any other locally available library software :	15 marks
(b) Content management	10 marks
(c) Internet search (Searching 2 web sites 5 marks each)	10 marks
(d) Web page designing	15 marks

# (ii) Internal examination

- (a) Creation and maintenance of bibliographic database of minimum 50 documents using SOUL or any other locally available library software
- (b) Study of minimum 5 CDs (text, graphic) using Encyclopedia Brittanica CD ROM, Manorama CD ROM etc.
- (c) Web search- use of different strategies:Boolean logic, basic search, advanced search, image search, format searchi.e. pdf, ppt, etc.

marks

- (d) Content management-???
- (e) Digitization of documents use of scanners for digitization of documents , save documents after digitization, creation of database of digitized documents
- (f) Creation of web page using Front Page/HTML, providing hyperlinks, & publishing web page over internet explorer

# M.L.I.Sc. Workload

# Semester I

# **1.Theory Papers**

Four lectures of 60 minutes per theory paper per week No. of theory papers=4 No. of lectures per paper per week=4 **Workload of theory papers=4x4=16 lectures** 

# 2. Seminar & Tutorial

Four lectures each i.e. 1x4=4 lectures

# Total Workload for Sem I=16 lectures + 4 lectures = 20 lectures per week

# Semester II

# **1. Theory Papers**

Four lectures of 60 minutes per theory paper per week No. of theory papers=2 No. of lectures per paper per week=4 **Workload of theory papers=2x4=8 lectures** 

### **2. Seminar & Tutorial** Four lectures each i.e. 1x2=2 lectures

# **3. Practical Papers**

Four lectures Practical of 60 minutes per practical paper per week (Note:For Practical papers each batch shall have 12 students.) (1 paper x 4 lectures x 2 batches =8 lectures)

# Workload of practical papers=2x4=8 lectures

#### **4. Project** Four lectures each i.e. 1x4=4 lectures

Four lectures each i.e. 1x4=4 lectures

# Total Workload for Sem II=8 lectures + 2 lectures + 8 lectures + 4 lectures = 22 lectures per week

Total Workload for Sem I & Sem II = 20 lectures+ 22 lectures = 42 clock hours

- 1. Abell Angela and Nigel Oxbrow, Competing with Knowledge: The Information Professional in the Knowledge ManagementAge. London: Facet Publishing, 2001.
- 2. Blaise Cronin. ed. Information Management : from strategies to action. London Aslib, 1985.
- 3. Bikowrtx W. R.: Knowledge Management Delhi PHI. 2000
- 4. Chorafas D. N. Knowledge Revolution. 1968.
- 5. Crawford, Marshali Jean: Information Broking: a new career in information work, London: L. A. 1988
- 6. Dhiman A.K.: Knowledge Management for Librarians.New Delhi: Ess Ess, 2009
- 7. Galatin, Malcolm & Laiter, Robert D eds. Economics of Information London : Nijhoff ,1981
- 8. Gurnsey, John and White Martin. Information Consultancy London Clive Binglev 1989.
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