



**UNIVERSITY OF CALICUT
G & A - IV - B**

No. 14361/GA - IV - B1/2013/CU (II)

Calicut University.P.O

Dated: 24.08.2020

From

The Registrar

To

The Principal,
Farook College,
Kozhikode.

Sir,

Sub:- Syllabus of M.Lib.I.Sc of Farook College, Kozhikode w,e,f 2019-Admissions-Approved-reg

Ref:- 1. Your mail dated 07.07.2020 forwarding the corrected Syllabus of M.Lib.I.Sc Programme w.e.f 2019 admissions.

2. Minutes of the meeting of Board of Studies in Library Sciences (SB) held on 18.08.2020 (Item No.4)

With reference to the letter (1) above, it is informed that the meeting of the Board of Studies in Library Science(SB) held on 18.08.2020 vide reference cited (2)above has approved the corrected and revised Syllabus of **M.Lib.I.Sc Programme** submitted by Farook College (Autonomous), Kozhikode. The Vice-Chancellor has approved the above resolution of the Board of Studies.This matter is informed for necessary action.The approved Syllabus is appended

Yours faithfully

Ajitha P.P

Joint Registrar

(For The Registrar)

Syllabus for
M.Lib.I.Sc Programme
Under Choice based Credit & Semester System
(2019 Admission onwards)
(DIRECT GRADING SYSTEM)

REGULATIONS FOR THE MASTER OF LIBRARY AND INFORMATION SCIENCE (M.Lib. I. Sc.) PROGRAMME

I. PROGRAMME STRUCTURE

Duration: The duration of the programme shall be 4 semesters distributed over a period of two academic years. The odd semesters (1 and 3) shall be from June to October and the even Semesters (2 and 4) shall be from November to March. Each semester shall have 90 working days inclusive of all examinations.

Courses: The programme shall include Three types of courses, Core courses, Elective Courses and Audit courses. Core course means a compulsory course in a subject related to the programme. Elective course means a course which can be substituted by equivalent course from the same subject and two such courses are required to be completed as part of the programme. Audit courses are meant for ability enhancement and improve professional competency. Two such courses are mandatory. These audit courses have to be done one each in the first two semesters. Dissertation, Project work, Internship and Viva-voce together shall be treated as a core course and it is mandatory in the programme. Viva-Voce covers questions from all courses in the programme.

Course code: Each course shall have a unique alphanumeric code number, which includes abbreviation of the subject in three letters, the semester number (1 to 4) in which the course is offered, the code of the course (C for Core course, E for Elective, A for Audit course, P for Project, V for Viva-Voce, and L for Practical/ Lab) and the serial number of the course (01,02.....). Eg. MLS1C01 means M.Lib. I. Sc. Programme first semester Core course Number 1.

Credits: Each course shall have certain credits. No course shall have more than 4 credits. Total credits for Core Courses will be 64 and for Elective courses it will be 8. For Dissertation and Viva-Voce, the maximum credits shall be 8 which includes Dissertation 2 credits, Project works 2 credits, Internship 2 credits and Viva Voce 2 credits. Total credits for Audit courses will be 8 (Two courses with 4 credits each.) and the credits will not be counted for evaluating the overall SGPA and CGPA. A student shall have a minimum of 80 credits to complete the programme successfully.

Attendance: A student shall be permitted to appear for the semester examination, only if he/she secures not less than 75% attendance in each semester. Condonation of shortage of attendance is not a matter of right, but a maximum number of nine days may be granted, subject to a maximum of two times during the whole period of a Programme. Participation in Extra Curricular activities may be treated as presence in lieu of their absence on production of participation / attendance certificate in such activities.

Dissertation: As part of the fourth semester courses, every student shall have to work on a research topic under the supervision of a faculty member as per the curriculum and submit a

dissertation in due format as suggested by the supervising teacher. It is mandatory.

Project: Every student shall have to prepare a specimen of the five information products such as news letter, trend report, book review, project proposal and a journal article and submit at the end of the third semester courses. Date of submission will be decided by the Department Council.

Internship: Every student shall do section work in the College Library for one hour daily in all working days during third semester. They should also complete internship for 15 working days in a reputed library approved by the Department council. It shall be done during summer holidays between second and third semesters. Total weightage will be equally distributed to section work in the college library and the internship in selected library.

II. EVALUATION AND GRADING

Direct Grading system, based on a 10 point scale, is to be used to evaluate the performance of students (both internal and external). First level evaluation for both internal and external is done by teachers using the letter grades (A+, A, B,C,D and E) with numeral values 5, 4, 3, 2, 1 and 0 respectively.

The evaluation scheme for each course shall contain two parts (1) Continuous Assessment (CA) and (2) Semester End Examination (SEE). Five weightages shall be given to CA and the remaining 36 weightages shall be given to the SEE for each course.

Continuous Assessment (CA)

The Continuous Assessment shall be based on a predetermined transparent system involving two continuous assessment tests (CAT), assignments, seminars and attendance. Continuous assessment of the project and dissertation will be based on its content, method of presentation, final conclusion and orientation to research aptitude (internal 20% and external 80%). (If a fraction appears in internal marks, it would be rounded to the nearest whole number).

Distribution of Internal Weightages

Components	Weightage	Conditions
Assignment	1	Best of the two assignments is considered per course.
Seminar	1	The student has to take a minimum of one seminar per course.
Attendance	1	The minimum required percentage of attendance for appearing in the various semester examinations is fixed as 75.
CAT I & II	2	A minimum of two Continuous assessment tests are to be attended.
Total	5	

Attendance of each course will be evaluated and the grade will be given as per the norms presented in the table given below.

Attendance	Grade
91% and above	A
85 to 90%	B
80 to 84 %	C
75 to 79%	D
Below 75 %	E

There shall not be any chance for improvement for internal mark. The course teacher(s) shall maintain the academic record of each student registered for the course.

Semester End Examination:

Semester End Examination carries 36 weightage for each course. The examination is to be conducted with question papers set by external experts. The evaluation of the answer scripts shall be done by examiners based on a well-defined scheme of valuation.

III. DIRECT GRADING SYSTEM

Direct Grading System based on a 10-point scale is used to evaluate the performance of students. Each question is evaluated by assigning a letter grade (A+, A, B, C, D, or E) by the method of direct grading. An aggregate of P grade (40% and above), after external and internal evaluation put together, is required for a pass in each course and also for awarding a degree. Appearance for Continuous Assessment /Semester End Examination are compulsory and no grade shall be awarded to a candidate if she/he is absent for CA and SEE or both. A student who fails to secure a minimum grade (P grade) for a pass in a course is permitted to write the examination along with the next batch.

IV. METHOD OF DIRECT GRADING SYSTEM

Evaluation (both internal and external) is carried out using direct grading system. The grading on the basis of total internal and external weightages will be indicated for each course and for each semester and for the entire programme. Direct Grading System in 10 point scale is done as given below.

Letter Grade	Grade Range	Range of Percentage	Merit/ Indicator
O	4.25 – 5.00	85% - 100%	Outstanding
A+	3.75 – 4.24	75% - 84.99%	Excellent
A	3.25 – 3.74	65% - 74.99%	Very Good
B+	2.75 – 3.24	55% - 64.99%	Good
B	2.50 – 2.74	50% - 54.99%	Above Average
C	2.25 – 2.49	45% - 49.99%	Average
P	2.00 – 2.24	40% - 44.99%	Pass
F	< 2.00	Below 40%	Fail
I	0	-	Incomplete
Ab	0	-	Absent

Semester Grade Point Average (SGPA)

After the successful completion of a semester, Semester Grade Point Average (SGPA) of a student in that semester is calculated using the formula given below. For the successful completion of a semester, a student should pass all courses. However, a student is permitted to move to the next semester irrespective of SGPA obtained.

SGPA is calculated on the basis of the division of the sum of the Grade Points obtained in CA and SEE of all the courses in a semester with the number of credits in that semester.

SGPA of the student in a semester is calculated using the formula

SGPA = Sum of the Credit points of all courses in a semester / total number of credits in that semester

Where G1, G2.....are grade points and C1, C2...are credits of different courses of the same semester.

Credit points of a Course = Grade points of the course x Credits of the course = (G x C)

Credit points of a semester = SGPA x Total credits of the semester.

Cumulative Grade Point Average (CGPA)

The Cumulative Grade Point Average (CGPA) of the student is calculated at the end of a programme. The CGPA of a student determines the overall academic level of the student in a programme and is the criterion for ranking the students. CGPA can be calculated by the following formula:

CGPA = Total credit points obtained in Four semesters / Total credits of the programme

SGPA and CGPA shall be rounded off to two decimal places. CGPA determines the broad academic level of the student in a programme and is the index for ranking students (in terms of grade points).

V. AWARD OF DEGREE

Those who secure not less than P grade (both SEE and CA put together) for all the courses of a semester shall be declared to have successfully completed the semester.

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

Two Year Post-Graduate Programme with Four semesters

Course Code	Course title	Credits of the course	Duration of the Exam	CA (Weightage)	SEE (Weightage)	Total
FIRST SEMESTER						
MLS1 C01	Foundation of Librarianship	4	3 Hrs	5	30	
MLS1 C02	Management of Libraries and Information Centres	4	3 Hrs	5	30	
MLS1 C03	Information Sources and Services	4	3 Hrs	5	30	
MLS1 C04	Library Classification Theory	4	3 Hrs	5	30	
MLS1 C05	Library Cataloguing Theory	4	3 Hrs	5	30	
MLS1 A01	Library Observation and Study	4	1 Hrs	5		
SECOND SEMESTER						
MLS2 C06	Information and Communication	4	3 Hrs	5	30	
MLS2 C07	Information Technology - Theory	4	3 Hrs	5	30	
MLS2 C08	Library Classification Practice _ DDC	4	3 Hrs	5	30	
MLS2 C09 (L)	Information Technology - Practical	4	3 Hrs	5	30	
MLS2 E01	Technical Communication	4	3 Hrs	5	30	
MLS2 A02	Greenstone Software	4	1Hrs	5		

THIRD SEMESTER						
MLS3 C10	Library Cataloguing Practice – AACR2	4	3 Hrs	5	30	
MLS3 C11	Information Systems and Networks	4	3 Hrs	5	30	
MLS3 C12	Information Technology Applications in Libraries - Theory	4	3 Hrs	5	30	
MLS3 C13	Research Methodology	4	3 Hrs	5	30	
MLS3 E02	Statistics and Bibliometrics	4	3Hrs	5	30	
FOURTH SEMESTER						
MLS4 C14	Information processing and Retrieval	4	3 Hrs	5	30	
MLS4 C15	Library Classification Practice – UDC	4	3 Hrs	5	30	
MLS4 C16 (L)	Information Technology Applications in Libraries - Practical	4	3 Hrs	5	30	
MLS4 C17 (P)	Dissertation	2			40	
	Project works	2			20	
	Internship	2			12	
	Viva Voce	2			10	
Total		80				

SYLLABUS

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

Two Year Post-Graduate Programme with Four Semesters

FIRST SEMESTER

MLS1 C01 - FOUNDATION OF LIBRARIANSHIP (4 Credits)

Unit 1 - Library in Social Context

Concept of Modern Library - Social, Cultural and Educational Role of Library in Contemporary Society - History of libraries and information centres - Five Laws of Library Science

Unit 2 - Types of Libraries and their Functions

Academic Libraries - School, College and University Libraries - Public Libraries - National Libraries - Special Libraries

Unit 3 - Library Movements and Policies

Library Movements in India - Library Development and Policies in India - Library Movement in Kerala - Kerala Granthasala Sangam – Kerala State Library Council

Unit 4 - Library Legislation

Need, Purpose and Features - Ranganathan's Model Public Libraries Act 1972 - Public Libraries Acts in India – in Kerala, Tamil Nadu and Karnataka - Indian Copy Right Act 1957 - Delivery of Books and News Papers Act 1956 - Right To Information Act 2005

Unit 5 - Professional ethics and Library Associations

Professional ethics - International Associations and Organizations – UNESCO, IFLA, ALA, CILIP - Library Associations and Organizations in India - ILA, IASLIC, RRRLF, UGC

MLS1 C02 - MANAGEMENT OF LIBRARIES AND INFORMATION CENTRES (4 Credits)

Unit 1 - Principles of Management

Management Concepts - School of Management Thoughts - Fayol's Principles - POSDCORB, MBO, TQM, MIS

Unit 2 - Library House Keeping Operations

Acquisition Section-Policy and Procedure - Technical Section - Classification, Cataloguing - Maintenance Section - Shelf Rectification, Stock Verification - Circulation Section-Membership, Charging Methods, Overdue, Collection, ILL - Periodical Section-Routines, Three Card System, Kardex - Reference Section - Library as a systems – PERT/ CPM, SWOT analysis

Unit 3 - Collection Development

Methods, Techniques and Principles - Print and Digital Collection - Institutional Repository as a resource - Preservation of Collection

Unit 4 - Human Resource Management

Organizational Structure - Recruitment, Selection, Induction - Professional and Non-Professional Duties and Responsibilities - Participative Management - Motivation, Performance Appraisal

Unit 5 - Financial And Record Management

Source of Finance - Methods of Financial Estimation - Budgeting Techniques-Line, PPBS, ZBB - Annual Report, Staff Manual, Library Rules

MLS1 C03 - INFORMATION SOURCES AND SERVICES (4 Credits)

Unit 1 - Basic Concepts

Information - Need, Use , Types - Information Sources - Nature, Characteristics and Kinds

Unit 2 - Reference and Information Sources

Primary Resources - Periodicals, Patents, Standards, Research Reports, Theses, Dissertations, Govt. Publications - Secondary Sources – Dictionaries and Encyclopedias, Bibliographical Sources – Subject and Trade Bibliographies - National Bibliography - INB, BNB - Biographical Sources – Biographical Dictionaries – Autobiographies - Geographical Sources – Gazetteers, Maps and Atlases - Indexing and Abstracting Periodicals - Yearbooks – Almanacs – Handbooks - Tertiary Sources - Bibliography of Bibliographies, - Reviews - Guide to Literature – Directories - E-Resources - E-Books, E-Journals, ETDS, E-ZINES, Etc.

Unit 3 - Reference Services

Concept, Definition, Types - Ready and Long Range - Reference Service, Referral Services, Online Reference Service - Information Search – Techniques - User Study - User Education and Information Literacy

Unit 4 - Documentation and Information Services

Documentation - Definition and Facets - Current Awareness Service (CAS) - Selective Dissemination of Information (SDI) - Translation Service - Document Delivery Service - Reprographic Service

Unit 5 - Evaluation of 25 Reference Sources of various kinds (part of the internal Assessment)

Encyclopedia, Dictionaries, Handbook, Yearbook, Almanac, Gazetteers, Biographical Sources, Tour Guide, Atlas and Maps, Indexing and Abstracting Journals, Current Awareness Sources.

MLS1 C04 - LIBRARY CLASSIFICATION THEORY (4 Credits)

Unit 1 - Library Classification

Concept, Meaning, Definition, Need and Functions - Normative Principles of Classification - Canons of Library Classification for Idea Plane and Verbal Plane - Principles of Helpful Sequence

Unit 2 - Notational System

Notation, Need, Qualities, Functions and Canons - Call Number - Class Number, Book Number and Collection Number - Mnemonics – Types - Devices for Hospitality - Devices for Formation and Sharpening of Isolates.

Unit 3 - Mapping of Knowledge in Classification Schemes

Enumerative and Faceted Classification Schemes - DDC: History and Development - Features - Standard Subdivisions - CC: Five Fundamental Categories - Facet Analysis and Sequence - Principles of Facet Sequence - Common Isolates - Systems and Specials - UDC: Common and Special Auxiliaries

Unit 4 - Modes of Formation and Developments of Subjects

Different Types of Subjects - Simple, Compound, Complex Subjects – Modes of formation and development of subjects - Phase Relations.

Unit 5 - Document Classification

Different Methods of constructing Book Numbers - Ranganathan's Facet Formula for Book Number - Recent trends in library classification – Classification in Online systems and Web – WebDDC

MLS1 C05 - LIBRARY CATALOGUING THEORY (4 Credits)

Unit 1 - Library Catalogue – Kinds and Forms

Concept of library catalogue – functions of library catalogue – Card catalogue and Computerized catalogue – Internal forms of catalogue – varieties and their relative merits

Unit 2 - Description and Access Points

Kinds of entries and parts of entries – Main Entry and added entries – Analytical entries -

Cross reference entries – Cross reference index entries – different types of cataloguing – Descriptive cataloguing and Limited cataloguing - CCF, AACR - and ISBD, Dublin Core.

Unit 3 - Subject Cataloguing

Objectives of subject catalogue – Problems in assigning subject headings in catalogues – Chain Procedure for Classified Catalogue and Sears List of Subject Headings for Dictionary Catalogue

Unit 4 - Centralisation and Cooperation

Centralised cataloguing – Objectives and Types – Machine Readable Catalogue (MARC) and their varieties – Cooperative cataloguing – Concept of Union Catalogue – Catalogue Networks –OPAC, OCLC

Unit 5 - Filing of Entries

Filing of entries in Classified and Alphabetical part of Classified catalogue - Filing of entries in a Dictionary catalogue - Word by word arrangement – Letter by letter arrangement –ALA Rules for filing alphabetical entries

MLS1 A01 - LIBRARY OBSERVATION AND STUDY (4 Credits)

Visit to a minimum of 6 prominent libraries in Kerala and observe and study the library in detail and submit a library observation report within one month of the visit conducted. Visit one library in a day and complete the visit before 2 months to the completion of the programme.

Attend a two-day workshop on library and information related topics OR on softskill development (Before last month of the completion of the programme).

SECOND SEMESTER

MLS2 C06 - INFORMATION AND COMMUNICATION (4 Credits)

Unit 1 - Information Vs Knowledge

Data, Information, Knowledge and Wisdom - Information - Characteristics, Properties and Behaviour, Value and Use - Information Explosion - Information Science as a Discipline - Genesis and Development - Definition, Scope, Relation with other disciplines

Unit 2 Communication

Communication - Concept, Definition, Media and Systems - Generation and Communication of Information - Classification of Communication - Formal and Informal, Print, Digital and Virtual - Communication Channels and Models - Barriers of Communication - Trends in Scientific Communication - Invisible Colleges and Technological Gatekeepers

Unit 3 - Information Society

Genesis, Characteristics and Implications - Information Industry - Generators, Providers and Intermediaries - Concept Of Freedom, Censorship, Data Security, Fair Use, Plagiarism - International and National Information Policies and Programmes - NAPLIS, UAP, UBC - Open Access Movement.

Unit 4 - Economics of Information

Information as Resource - Information Audit - Cost Analysis of Information Systems - Marketing of Information Products and Services

Unit 5 - Knowledge Management

Knowledge –Concept and Types – Explicit, Implicit and Tacit Knowledge - Digital Content Resources - Knowledge Management Systems - Role of Library Professionals in Knowledge Management

MLS2 C07 - INFORMATION TECHNOLOGY – THEORY (4 Credits)

Unit 1 - Introduction to Information Technology

Computer - Hardware, Software and Storage Devices - Database - Concepts, Organization And Utility - File Design - Data, Record, File - File Organization - Serial, Sequential, Direct, Indexed Sequential and Random Access File Organization

Unit 2 - Fundamentals of Communication Technology

Communication Systems - Electrical, Optical, Radio and Satellite Communication

Unit 3 - Computer Networks and Networking

Computer Networks - Definition and Examples - Network Types - LAN, MAN, WAN - Wireless Network - WIFI, WIMAX - Network Topologies - Bus, Ring, Tree, MESH and Token Ring Networks

Unit 4 - Internet - Basic Features, Tools, Services, Utilities

Elements of Internet - Modem, Routers, Gateway, Hubs - Connectivity - Dialup, Leased Line, ISDN, Digital Subscriber Lines - WWW, E-Mail, FTP, Telnet, Mailing List, Newsgroups, Video Conferencing - Search Engines and Meta Search Engines - Internet Security, Firewall, Proxy Servers, Web Browsers

Unit 5 - Web2.0 Technologies

Semantic Web, Invisible Web, Ontology - Application of Internet and web 2.0 in Library and Information Works and Services - Social Media, RSS, Social book marking, Folksonomics

MLS2 C08 - LIBRARY CLASSIFICATION PRACTICE (DDC 23rd Edition) (4 Credits)

Classification of Simple, Compound and Complex Subjects according to 23rd Edition of DDC

MLS2 C09 (L) - INFORMATION TECHNOLOGY - PRACTICAL (4 Credits)

Unit 1 - **LibreOffice Writer**

Unit 2 - **LibreOffice Calc**

Unit 3 - **LibreOffice Impress**

Unit 4 - **Koha**

Unit 5 - **DBMS (Open source)**

Compile a database of 50 microdocuments including journal articles, etc.

MLS2 E01 - TECHNICAL COMMUNICATION (4 Credits) (elective)

Unit 1 - **Written Communication**

Verbal and Non-Verbal Communication - Different Types of Writing - Technical Writing – Features - Pre-Writing, Writing and Rewriting - Audience Research - Language as a Medium of Communication

Unit 2 – **Abstracting**

Abstracts and Types of Abstracts - Guidelines for Preparing a Good Abstract

Unit 3 - **Information Repackaging and Consolidation**

Content Analysis - Repackaging, Formatting and Consolidating

Unit 4 - **Preparation of Information Products**

Preparation of Popular Articles, Technical Reports, Reviews, Digests, Trend Reports, State of the Art Reports, Project Proposals, etc.

Unit 5 - **Mechanics of Writing**

Common Problems of Spellings, Grammar, Usage and Punctuation - Style Manuals - Chicago, MLA and APA Style Manuals - Copy Editing and Proof Reading - Online Reference Tools - Zotero and Plagiarism

MLS2 A02 - GREENSTONE DIGITAL LIBRARY SOFTWARE (4 Credits)

Installation – file creation – metadata creation – information search

(Build a collection of 50 documents with different formats including text, PDF, scanned images, photo, audio and video, etc.)

THIRD SEMESTER

MLS3 C10 - LIBRARY CATALOGUING PRACTICE (AACR2) (4 Credits)

Cataloguing of Books, Journals and non-book materials according to AACR2 (1988 Revision) supplemented with Sears List of Subject Headings (19th ed.)

MLS3 C11 - INFORMATION SYSTEMS AND NETWORKS (4 Credits)

Unit 1 - Libraries and Information Agencies

History and Development -

Libraries, Documentation Centres and Information Centres -

Data Banks and Archives, Information Analysis Centres, Referral Centre, Clearing Houses, Translation Centres and Reprographic Centres

Unit 2 - Information System

Definition, Characteristics and Properties of a System - Concept, Types, Characteristics and Components of Information System - Planning and Designing of Information System - Role of Information System in Technology Transfer and National Development

Unit 3 - Global Information Systems

BIOSIS, AGRIS, INIS, INSPEC, MEDLINE, OCLC, CAS, Web of Science/ SCOPUS, PubMed, IEE electronic library - ACM Digital library, EBSCO, PROQUEST, Elsevier, Ingenta, J-Gate - Web Sources, Portals, Wikis

Unit 4 - International and National Documentation Centres

International Documentation Centres – UNESCO, FID - National Documentation Centres – NISCAIR, NASSDOC, DESIDOC, SENDOC

Unit 5 - Resource sharing and Networks

Resource sharing, concepts and forms - INFLIBNET, DELNET, NICNET, UGC-INFONET, INDEST, JANET

MLS3 C12 - INFORMATION TECHNOLOGY APPLICATIONS IN LIBRARIES - THEORY (4 Credits)

Unit 1 - Library Automation

Need for Automation - Planning and Implementation - Library Automation Software - Open and Proprietary Software - KOHA, LIBSYS - Application of RFID In Libraries

Unit 2 - Digital Libraries

Concepts and Issues - Content Creation - E-Documents, Files and File Formats - Image Formats, Audio Formats, Storage Media Format 180-9669 DVD - Collection Building - Issues and Challenges

Unit 3 - Digital Library Software

Hardware for Digital Library - Digital Library Software – Greenstone, Eprint - OCR Technology - Image Editing Software - Data Warehousing – Data Mining

Unit 4 - Institutional Repositories

Concepts and Issues - Software for Institutional Repositories – DSpace – Key features and Functionality

Unit 5 - Artificial Intelligence and Expert System

Concept and Issues - History and Development - Goals, Approaches and Tools

MLS3 C13 - RESEARCH METHODOLOGY (4 Credits)

Unit 1 – Research

Concept, Meaning, Need and Process of Research - Types of Research - Fundamental, Applied, Inter-Disciplinary and Multi- Disciplinary Research

Unit 2 - Research Design

Conceptualization and Types - Identification and Formulation of Research Problem - Literature Search - Print, Electronic, Digital and Online Sources - Formulation and Testing of Hypotheses

Unit 3 - Research Methods

Scientific, Historic, Descriptive, Survey, Case Study, Experimental and Delphi Method

Unit 4 - Research Techniques and Tools

Questionnaire, Schedule, Interview, Observation, Scales and Checklists, Records and Reports - Sampling Technique - Quality Measurement Tools – SERVQUAL, LIBQUAL, WEBQUAL, DIGIQUAL

Unit 5 - Data Analysis, Interpretation and Report Writing

Tabulation and Generalization - Graphical Representation of Data - Structure of Research Report - Methods of Evaluating Research - Current Trends in LIS Research

MLS3 E02 - STATISTICS AND BIBLIOMETRICS (4 Credits) (elective)

Unit 1 - Basics of Statistics

Nature and Scope - Use of Statistics In Library and Information Centres

Unit 2 - Measures of Central Tendency, Dispersion, Skewness and Kurtosis

Mean, Median and Mode - Mean Deviation, Quartile Deviation and Standard Deviation - Skewness and Kurtosis

Unit 3 - Inferential Statistics

Correlation, Regression - Chi-Square Test and Z Test

Unit 4 - Statistical Package

SPSS for statistical analysis of data

Unit 5 - Bibliometrics

Bibliometrics - Genesis, Scope and Definition - Bibliometric Laws - Bradford, Lotka and Zipf's Law and their Applications - Scientometrics, Informetrics, Webometrics and Altmetrics - History and Development, Scope and Importance - Citation Analysis - Bibliographic Coupling - Obsolescence of Literature

FOURTH SEMESTER

MLS4 C14 - INFORMATION PROCESSING AND RETRIEVAL (4 Credits)

Unit 1 - Information Retrieval System

Information Retrieval Systems - Purpose, Functions, Components - Information Search - Formulation of Search Strategy - Online Search Strategy

Unit 2 - Indexing Systems

Indexing - Meaning and Purpose - Principles of Subject Indexing - Pre-Coordinate Indexing - PRECIS and POPSI - Post-coordinate Indexing - Uniterm Indexing - Keyword Indexing - KWIC and its varieties - Citation Indexing - SCI and SSCI

Unit 3 - Vocabulary Control

Vocabulary Control - Meaning and Importance - Tools for Vocabulary Control - Subject Headings Lists, Thesaurus, Thesauri Facet and Classaris - Thesaurus - Structure, Format and Construction Techniques

Unit 4 - Evaluation of Information Retrieval Systems

Criteria for Evaluation - Evaluation Projects - ASLIB Cranfield Studies and MEDLARS Evaluation Project

Unit 5 - Natural Language Processing

Concept of Natural Language Processing - Application of NLP in Information Retrieval Systems

MLS4 C15 - INFORMATION PROCESSING PRACTICE (UDC) (4 Credits) (elective)

Classification of Simple, Compound and Complex Subjects according to UDC (BSI standard edition)

MLS4 C16 (L) - INFORMATION TECHNOLOGY APPLICATIONS IN LIBRARIES - PRACTICAL (4 Credits)

Unit 1 - Institutional Repository Software - D SPACE

Unit 2 - HTML

Unit 3 – Blog

Unit 4 – Online Survey tools

MLS4 C17 (Pr.) - DISSERTATION, PROJECTWORKS, INTERNSHIP AND VIVA VOCE (8 Credits)

Dissertation (2 Credits)

Project Works (2 Credits)

Internship (2 Credits)

Viva-voce (2 Credits)