LIST OF SUBJECTS

<table>
<thead>
<tr>
<th>Code</th>
<th>Name of the Subject</th>
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<tbody>
<tr>
<td>LS301</td>
<td>Research Methodology, Tools and Techniques</td>
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<tr>
<td>LS302</td>
<td>Library and Information Management</td>
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<td>Bibliometrics</td>
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</tbody>
</table>

LS301 RESEARCH METHODOLOGY, TOOLS AND TECHNIQUES

Credit : 4:0:0

Unit – I
Concept and Meaning of Research– Nature of research in Library Science-Various stages of Library Research.

Unit – II

Unit – III

Unit – IV
Data Collection – formulation of hypotheses – Testing of hypotheses -Sampling methods – Sampling techniques-.

Unit – V

Books
2. Scientific Social Surveys and Research, Pauline V. Young.
LS302 LIBRARY AND INFORMATION MANAGEMENT

Credit : 4:0:0

Unit – I
Organizational Structure- Theoretical frame work – National and International Systems Planning – MBO.

Unit – II

Unit – III
Finance – Budgeting- Types of Budgeting- Model Budgets for all types of Libraries- Non Budgetary method of Control- Network analysis PERT-CPM

Unit – IV

Unit – V

Books
1. Stoner, Management.
2. S.R. Ranganathan, Library Administration.
3. S.E. Evans, Management Techniques for Librarian.
5. Norogh Jones and Peter Piordon, Staff Management in Library and Information Work.
8. P.S.G. Kumar, Management of library and information Centres.

LS303 LIBRARY AND USERS

Credit : 4:0:0

Unit – I
Information Needs- Information seeking behavior- Concepts- Significance major user studies conducted in India and Abroad.

Unit – II
Need for user education- Definition- Factors of user education- History of User education- User behavior in Academic Libraries- Behavioral research in librarianship.

Unit – III
Individual need and system needs- Research and Information needs- Essentials of user studies taxonomy of information needs and human needs- factors affecting information needs- classification of information needs- approaches to information needs

Unit – IV
User education- Methodology of user study- Impact of information on the quality- Information needs and information seeking behavior of professionals, scientists, business- Evaluation of user studies

Unit – V
User education for their current information– Documentary resources- Non Documentary resources- Electronic resources

Books

LS304 DIGITAL LIBRARY

Credit : 4:0:0

Unit – I

Unit – II

Unit – III
Resource Sharing Innovations- Sharing Networks Resources- Sharing Standards - Cooperation Globally- Types of Sources-Database structure.

Unit – IV

**Unit – V**

**Books**

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**LS305 BIBLIOMETRICS**

**Credit : 4:0:0**

**Unit – I**
Origin and development of Bibliometrical studies – Nature and scope of Bibliometrics – Historical development sources of Bibliometric data.

**Unit – II**
Identifying and defining literature – study of the structure of documents – Authorship studies, Form of documents – types of communication in primary literature.

**Unit – III**
Describing literature – Document relationship studies – Citation analysis, Co-citation and bibliographic coupling, mapping the structure in science.

**Unit – IV**
Size and growth of literature – relationship, associations and groupings – use of documents for evaluation – Assessment of authors, documents, countries and Institutions.

**Unit – V**
Testing the effectiveness of abstracting and Indexing services citation index – Their structure, use and methods of compilation – Advancement and research in bibliometrics.

**Books**
3. Gayatri mahapatra, Bibliometric studies, crest publishing House, New Delhi , 2000
ADDITIONAL SUBJECTS

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<tr>
<td>11LS306</td>
<td>Information Sources and Services</td>
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11LS301 - RESEARCH METHODOLOGY, TOOLS AND TECHNIQUES

Credits 4:0:0

Course Objectives
To study about the research methods, tools and techniques in the field of library and information science. This technique will help to analysis the data in the research.

Course Outcome
Knowledge will be updated in research methodology, tools and techniques to be followed in the library and information science research.

Unit I

Unit II
Research Design : Historical design, Descriptive design, Formation of Hypothesis, Testing of Hypothesis, Research Problems.

Unit III
Data Collection: Sampling methods and Techniques, Interview, Observation, questionnaire, Survey, Bibliometrics, Webmetrics.

Unit IV
Data Analysis: Statistical analysis – Measures of Central Tendency, Measure of Dispersion, Regression and Correlation, Chi-Square test, Statistical Packages.
Unit V
Report Writing: Evaluation of research, Structure, Style and Contents, Citation Styles, footnotes, references.

Reference Books
5. RavichandRao.I.K, Quantitative Methods for Library and Information Science., Wiley eastern Ltd.1985

11LS 302 - LIBRARY AND INFORMATION MANAGEMENT

Credits 4:0:0

Course Objectives
To study about the Library and Information Management principles and techniques in the field of library and information science. This technique will help to manage the library and information Centers.

Course Outcome
Knowledge will be updated in library and Management principles and techniques to be followed in the library and information centers.

Unit I

Unit II
Human Resource Management: Organizational structures, authority and Delegation, Personnel Management, Motivation and Leadership.

Unit III
Financial Management – Library finance, Budgeting- Types of Budgeting- Model Budgets for all types of Libraries- Budgetary Control.

Unit IV
Unit V
Planning, Types of Planning, Management by Object (MBO), Risk and Disaster Management, Management innovations – Strategic Planning.

Reference Books


11LS303 - LIBRARY AND USERS

Credits 4:0:0

Course Objectives

To study about the Library and users studies, the usage of resources, different types of services are included in the field of library and information science. This will help to manage the library and information users and resources.

Course Outcome

Knowledge will be updated in library and users and to Management of effective library services to the users.

Unit I
Information Sources, Documentary Sources, Non –Documentary Sources, Electronics Sources.

Unit II

Unit III
Information Service, Alerting Services, Bibliographic Services, Referral Service, Document Delivery, Online Services, Translation Service, Reprographic Service.

Unit IV
User and Use of Information, Services to Users, Information needs, Information seeking behavior, User Studies. Impact of information on the quality.

Unit V
User education –needs , Educative role of Libraries, Planning user Education Programmes, Methods of User Education, Evaluation user Education Programmes.
Reference Books

11LS304 DIGITAL LIBRARY & WEB TECHNOLOGY
Credits 4:0:0

Course Objectives
To study about the Digital Library and the e-resources, Library Automation, Digital technology and Digital information services to be adopted in the library and information science. This will help to manage the digital resources and digital information services.

Course Outcome
Knowledge will be updated in digital library, e-resources, library automation, and digital technology for effective digital library services to the users

Unit I

Unit II
Library Automation – Definition, needs, Acquisition, Cataloguing, Circulation, Serials, Library Automation Software Packages – Soul, SLIM, Libsuite, Alice etc.,

Unit III

Unit IV

Unit V
Reference Books
1. Satyanarayana.V.V.V., Modern Librarianship Ushering in Digital Library, Authors Press, Delhi, 2006.
2. Shiva Sukula, Information Technology: Bridge to the Wired Virtuality, Ess Ess Publications, New Delhi, 2008

11LS 305 - BIBLIOMETRICS

Credits 4:0:0

Course Objectives
To study about the bibliometrics publications output and analysis of the authors publications in the subject areas.

Course Outcome
Knowledge will be updated in bibliometrics for publication in the library.

Unit I
Origin and Development of Bibliometric studies, Definition and Meaning, Scope of Bibliometrics, Application of Bibliometrics.

Unit II

Unit III
Citation Analysis: Definitions and Meaning, Types of Citation analysis studies, Cito-analytical Products and their uses, Application of Citation analysis. H-Index, G-Index, JCR Citation Report, Global and Local Citations.

Unit IV
Growth of literature study, Models and Methods of Growth study, Authorship study, Language and types of document used study, Self citation studies, and Subject Dispersion study.

Unit V
Webmetrics – Definition and Meaning, Internet and Informetrics laws, Methods of studies, Advancement and research in bibliometrics.

Reference Books

11LS306 INFORMATION SOURCES AND SERVICES

Credits 4:0:0

Course Objectives
To study about the information sources and services, different types of resources, different types of services are included in the field of library and information science. This will help to manage the library and information sources and services.

Course Outcome
Knowledge will be updated in different types information sources and difference types of services.

Unit I

Unit II

Unit III

Unit IV
Study and Evaluation of Reference Sources, Compilation of Bibliographics, Role of International Organisation, Current Awareness lists etc.,

Unit V
Documentation and Information Centre’s and their Activities - Description and Activities of Important - NASSDOC, FID, UNESCO etc,

Reference Books
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12LS301 RESEARCH METHODOLOGY, TOOLS AND TECHNIQUES

Credits 4:0:0

Course Objectives
- To study about the research methods, tools and techniques in the field of library and information science.
- This technique will help to analysis the data in the research.

Course Outcome
- Knowledge will be updated in research methodology, tools and techniques to be followed in the library and information science research.

Unit I
Research: General meaning, Need, Process, Types of Research- Pure, Applied and Action Research, Kinds of Research – Diagnostic research, Descriptive research, Exploratory research and Explanatory research.

Unit II
Research Design : Historical design, Descriptive design, Formation of Hypothesis, Testing of Hypothesis, Research Problems.

Unit III
Data Collection: Sampling methods and Techniques, Interview, Observation, questionnaire, Survey, Bibliometrics, Webmetrics.

Unit IV
Data Analysis: Statistical analysis – Measures of Central Tendency, Measure of Dispersion, Regression and Correlation, Chi-Square test, Statistical Packages.

Unit V
Report Writing: Evaluation of research, Structure, Style and Contents, Citation Styles, footnotes, references.

Reference Books
5. RavichandRao.I.K, Quantitative Methods for Library and Information Science., Wiley eastern Ltd.1985
12LS 302 LIBRARY AND INFORMATION MANAGEMENT

Credits 4:0:0

Course Objectives

- To study about the Library and Information Management principles and techniques in the field of library and information science.
- This technique will help to manage the library and information Centers.

Course Outcome

- Knowledge will be updated in library and Management principles and techniques to be followed in the library and information centers.

Unit I

Unit II
Human Resource Management: Organizational structures, authority and Delegation, Personnel Management, Motivation and Leadership.

Unit III
Financial Management – Library finance, Budgeting- Types of Budgeting- Model Budgets for all types of Libraries- Budgetary Control.

Unit IV

Unit V
Planning, Types of Planning, Management by Object (MBO), Risk and Disaster Management, Management innovations – Strategic Planning.

Reference Books
Course Objectives

- To study about the Library and users studies, the usage of resources, different types of services are included in the field of library and information science.
- This will help to manage the library and information users and resources.

Course Outcome

- Knowledge will be updated in library and users and to Management of effective library services to the users.

Unit I
Information Sources, Documentary Sources, Non –Documentary Sources, Electronics Sources.

Unit II

Unit III
Information Service, Alerting Services, Bibliographic Services, Referral Service, Document Delivery, Online Services, Translation Service, Reprographic Service.

Unit IV
User and Use of Information, Services to Users, Information needs, Information seeking behavior, User Studies. Impact of information on the quality.

Unit V
User education –needs , Educative role of Libraries, Planning user Education Programmes, Methods of User Education, Evaluation user Education Programmes.

Reference Books

12LS 304 DIGITAL LIBRARY

Credits 4:0:0

Course Objectives
- To study about the Digital Library and the e-resources, Library Automation, Digital technology and Digital information services to be adopted in the library and information science.
- This will help to manage the digital resources and digital information services.

Course Outcome
- Knowledge will be updated in digital library, e-resources, library automation, and digital technology for effective digital library services to the users

Unit I

Unit II
Library Automation – Definition, needs, Acquisition, Cataloguing, Circulation, Serials, Library Automation Software Packages – Soul, SLIM, Libsuite, Alice etc.,

Unit III

Unit IV

Unit V

Reference Books
1. Satyanarayana.V.V.V., Modern Librarianship Ushering in Digital Library, Authors Press, Delhi, 2006.
2. Shiva Sukula, Information Technology: Bridge to the Wired Virtuality, Ess Ess Publications, New Delhi, 2008
12LS 305 - BIBLIOMETRICS

Credits 4:0:0

Course Objectives
- To study about the bibliometrics publications output and analysis of the authors publications in the subject areas.

Course Outcome
- Knowledge will be updated in bibliometrics for publication in the library.

Unit I
Origin and Development of Bibliometric studies, Definition and Meaning, Scope of Bibliometrics, Application of Bibliometrics.

Unit II

Unit III
Citation Analysis: Definitions and Meaning, Types of Citation analysis studies, Cito-analytical Products and their uses, Application of Citation analysis. H-Index, G-Index, JCR Citation Report, Global and Local Citations.

Unit IV
Growth of literature study, Models and Methods of Growth study, Authorship study, Language and types of document used study, Self citation studies, and Subject Dispersion study.

Unit V
Webometrics – Definition and Meaning, Internet and Informetrics laws, Methods of studies, Advancement and research in bibliometrics.

Reference Books

12LS306 INFORMATION SOURCES AND SERVICES

Credits 4:0:0

Course Objectives
- To study about the information sources and services, different types of resources, different types of services are included in the field of library and information science.
- This will help to manage the library and information sources and services.
Course Outcome

- Knowledge will be updated in different type’s information sources and difference types of services.

Unit I

Unit II

Unit III

Unit IV
Study and Evaluation of Reference Sources, Compilation of Bibliographics, Role of International Organisation, Current Awareness lists etc.,

Unit V
Documentation and Information Centre’s and their Activities - Description and Activities of Important - NASSDOC, FID, UNESCO etc,

Reference Books