



**VIJAYANAGARA SRI KRISHNADEVARAYA
UNIVERSITY**

Jnanasagara campus, Vinayakanagara, Cantonment, Bellary -583105

**Department of PG Studies in
Master of Library and Information Science
Syllabus**

**Department of PG Studies in Master of
Library and Information Science**

**With Effect from
2021-22**



VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY
Department of Library and Information Science

Distribution of Courses/Papers in Postgraduate Programme I to IV Semester as per Choice Based Credit System (CBCS) Proposed for PG Programs
With Practical

IV - SEMESTER

SemesterNo.	Category	Subject code	Title of the Paper	Marks			Teaching hours/week			Credit	Duration of exams (Hrs)
				IA	Sem. Exam	Total	L	T	P		
FOURTH	DSC11	21LIS4C11L	Library Consortia	30	70	100	4	-	-	4	3
	DSC12	21LIS4C12L	Digital Library	30	70	100	4	-	-	4	3
	DSE3	21LIS4E3L	1. Information Storage and Retrieval 2. Management of E-Resources 3. Plagiarism and Academic Integrity	30	70	100	4	-	-	4	3
	DSE4	21LIS4E4L	1. Conservation and Preservation of InformationResources 2. Marketing of Information Products and Services 3. Scientometrics	30	70	100	4	-	-	4	3
	GEC2	21LIS4G2L	1. Open Access resources 2. Intellectual Property Rights in Digital Era 3. Internet and Search Engines	20	20	50	2	-	-	2	2
	D_SCL	21LIS4C9P	Digital Library Practice – (DSC 12)	20	30	50	-	-	4	2	4
	Project	21LIS4C1R	Research Project	30	70	100		-	8	4	4
Total Marks for IV Semester						600				24	

(I-IV semester)-

Total Marks: 2400

and

Total credits: 96

21LIS4C11L : Library Consortia

Course: Library Consortia	Course Code: 21LIS4C11L
Teaching Hours/Week (L-T-P): 4 - 0 - 0	No. of Credits: 04
Internal Assessment: 30 Marks	Semester End Examination: 70 Marks

Objectives of the Course:

- a. To discuss about the genesis of the consortium.
- b. To explain the factors that led to the development of library consortia
- c. To discuss the functions and services of select national and international library consortia.

Course Outcomes (COs):

CO1 : attain knowledge on the library consortia

CO2 : attain knowledge about various Library Consortium that provides access to selected scholarly electronic journals and databases in different disciplines to its member universities

CO3 : study the genesis, aims and objectives, membership, resources, and major services and function of various Library Consortium and its future plan.

Content of Course 1	56 Hrs
Unit – 1 : Consortia	12
<ul style="list-style-type: none"> ➤ Consortia: Concept, Definition, Need, uses, and types of consortia ➤ Criteria for selection of consortia: Content, Added values, Functionality, Technical considerations, Licensing agreements, and service impact; 	
Unit – 2 : Consortia Initiatives in India	10
<ul style="list-style-type: none"> ➤ e-Shodh sindhu consortia ➤ National Knowledge Resource Consortium (CSIR), ➤ INDEST (Indian Digital Library in Engineering Sciences and Technology) ➤ FORSA (Forum for Resource Sharing in Astronomy/ Astrophysics) ➤ UGC – INFONET ➤ IIM Consortium ➤ HELINET (Health Sciences Library and Information Network) ➤ CeRA (Consortia for e-Resources in Agriculture) ➤ ICMR e-Consortia 	
Unit – 3 : Library Consortia : International	13
<ul style="list-style-type: none"> ➤ CARLI (Consortium of Academic and Research Libraries in Illinois) ➤ CONCERT (Consortium on Core Electronic Resources in Taiwan) ➤ SANLIC (South African National Library and Information Consortium) ➤ CURL (Consortium of University Research Libraries) ➤ EIFL (Electronic Information for Libraries) ➤ ICOLC (International Coalition of Library Consortia) 	
Unit – 4 : Bibliographic Utility Networks	11
<ul style="list-style-type: none"> ➤ Objectives, Definition, History, Need and Benefits ➤ Working style (how it works): Centralised, Processing, Shared Processing, Cooperative and Commercial processing ➤ Bibliographic Standards: MARC ➤ Tools for Bibliographic Utility Networks ➤ LOC services, CIP, MARC Distribution Services, MARC Alert Services ➤ Major Bibliographic Utility Networks: International: OCLC, RLG, NBS, Kinetica Web, CALIS, HBZ. National: INFLIBNET, CALIBNET, ADINET,MYLIBNET, PUNENET, MALIBNET, BONET ➤ Major Initiatives related to Bibliographic Utilities: NCCP, PCC (NACO, SACO, BIBCO, CONSER), LSP 	
Unit – 5 : Services of Library Consortia	10
<ul style="list-style-type: none"> ➤ Subject Gateways ➤ Database service ➤ Document Delivery Service ➤ Shared Electronic Reference / Real Time Reference Service ➤ Collective acquisition of resources ➤ Consortium purchase ➤ Joint archives and cooperative storage facility ➤ Shared core collection ➤ Shared Digital Library Project Development ➤ Training: Personnel and Clientele ➤ Technology support from member institute ➤ Communication service among members 	

References :

1. Balakrishnan, Shyam. Networking and the Future of Libraries. New Delhi: Ess Ess, 2000.
2. Basandra, Suresh K. Computer Today. New Delhi: Galgotia, 1999.
3. Kaul, S. Information resource sharing models in developing countries: a network emerging from the World Bank supported environmental management capacity building project. National Commission on Libraries and Information Science. Towards a National Progress for Libraries and Information Services: Goals for Action. Washington: Govt. Printing Office, 1975.
4. Prasad, Kiran. Information and Communication Technology. New Delhi: BR Publishers, 2004.
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7. Satyanarayana, R and T.N Rajan. "Information Networks: Structure and Operation with Reference to India". International Information Communication and Education, 1984.
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9. Balakrishnan, Shyam Networking and the future of libraries. New Delhi: Ess Ess, 2000
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12. <http://www.angelfire.com/in/malibnet>
13. <http://www.inflibnet.ac.in>
14. <http://www.mylibnet.org>
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19. Ramannair, R. Information Technology for participatory Development. New Delhi: Kaveri, 2003
20. www.alibnet.org
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Date :

Course Coordinator

Subject Committee Chairperson

21LIS4C12L : Digital Library

Course: Digital Library	Course Code: 21LIS4C12L
Teaching Hours/Week (L-T-P): 4 - 0 - 0	No. of Credits: 04
Internal Assessment: 30 Marks	Semester End Examination: 70 Marks

Objectives of the Course:

1. To introduce basic concepts and characteristics of digital libraries to the learners
2. Define digital libraries and highlight important differences between digital libraries and its precursors and technologies such as traditional library, information retrieval systems, virtual libraries, Internet search engines, etc.;
3. Introduce terminologies that are associated with digital library.
4. Make students aware of advantages of a digital library.

Course Outcomes (COs):

At the end of the course, students will be able to:

CO1 : Students will know the ways of digitalizing a library

CO2 : gain knowledge about basic concepts and characteristics of digital libraries and different terminologies that are associated with it and are used interchangeably to refer to digital libraries

CO3 : Students will be able to understand the steps in library digitalization

CO4 : It will enable the students to analyze the pros and cons of library digitalization

Content of Course 1	56 Hrs
Unit – 1 : Digital Library	10
<ul style="list-style-type: none"> ➤ Conceptual framework, definition, characteristics; advantages and challenges; ➤ Digital libraries vs. traditional libraries; ➤ Digital Library Services. 	
Unit – 2 : Design and Organisation of Digital Library	12
<ul style="list-style-type: none"> ➤ Architecture ➤ Interoperability and Compatibility ➤ Protocols, Standards and User Interfaces ➤ Digital Content creation - Digitization; scanning, OCR. 	
➤ Unit – 3 : Digital Library Initiatives	12
<ul style="list-style-type: none"> ➤ Evolution of Digital Libraries ➤ DLI-I and DLI-II, E-Lib Programme ➤ Institutional Repositories ➤ Digital Library Initiatives at International level and in India. ➤ Study of GSDL, dSpace and E-Prints. 	
➤ Unit – 4 : Digital Resource Management	11
<ul style="list-style-type: none"> ➤ Identification, Accessing, Processing ➤ Digitization, Storage and retrieval/usage of Digital Resources ➤ Digital Library Evaluation ➤ Digital Rights Management ➤ DRM Issues 	
Unit – 5 : Digital preservation and archiving	11
<ul style="list-style-type: none"> ➤ Digital Preservation and Conservation ➤ Digital Data formats ➤ Digital Preservation issues 	

References:

1. Arms, William Y. Digital libraries. Massachusetts, MIT Press, 2000.
2. Association of Research Libraries. ARL Proceedings 126: Annual Meeting, 17-19, 1995. (<http://arl.cni.org/arl/proceedings/126/2-defn.html>)
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8. Rusbridge, Chris. Towards the hybrid library. D-Lib Magazine, July / August, 1998. (<http://www.dlib.org/dlib/july98/rusbridge.html>)
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11. Waters, D. Electronic technologies and preservation. European Research Libraries Cooperation, 2(3), 285-293, 1992.

Date :

Course Coordinator

Subject Committee Chairperson

21LIS4E3L : Information Storage and Retrieval

Course: Information Storage and Retrieval	Course Code: 21LIS4E3L
Teaching Hours/Week (L-T-P): 4 - 0 - 0	No. of Credits: 04
Internal Assessment: 30 Marks	Semester End Examination: 70 Marks

Objectives of the Course:

1. Introduce the basic concepts of IR systems and their components
2. Brief about methods that enable users to find out relevant information from an organized collections of resources.
3. Introduce various features of IR systems that help in easy retrieval of documents from interdisciplinary field.
4. Introduce different functions of IR system which deals with various format (i.e. text, audio, image, and video) of information .

Course Outcomes (COs):

At the end of the course, students will be able to:

CO1 : The student will gain the knowledge about basic concepts and characteristics of IR

CO2 : The learner will understand the various components of information retrieval processes

CO3 : The reader will gain the knowledge of various tools and technologies used in IR systems

CO4 : The reader will gain the knowledge of different types of information retrieval system

Content of Course 1	56 Hrs
➤ Unit – 1 : Information Retrieval System	12
➤ Concept, Meaning, Definition, Objectives, Characteristics, Components and Functions.	
Unit – 2 : Information Retrieval Process	10
➤ Common features of search process, Steps in creation of a search file, Searchers features, Query search and steps in query formulation	
➤ Search process –strategies and techniques, Search software, Search engines, Multiple database searching, Tools of Internet Search, Voice search, Image search, Video search engines.	
Unit – 3 : Information Retrieval Models	12
➤ Basic Retrieval methods-manual and automated	
➤ Boolean logic, Cognitive, Fuzzy and Probabilistic.	
Unit – 4 : Evaluation of IR Systems	11
➤ Purpose and criteria's for evaluation	
➤ Evaluation experiments: ASLIB, The Crane fields; MEDLARS,SMART.	
Unit – 5 : Trends in IRS	11
➤ Developments, Searching and retrieval, Full text retrieval, User interfaces, IR standards and protocols.	

References:

1. Alberico, Ralph and Micco Mary. Expert Systems for reference and information retrieval. West port : Meckler, 1990.
2. Austin, D. Precs, A manual of concept analysis and subject indexing. 2nd ed. 1984.
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Date :

Course Coordinator

Subject Committee Chairperson

21LIS4E3L : Management of E-Resources

Course: Management of E-Resources	Course Code: 21LIS4E3L
Teaching Hours/Week (L-T-P): 4 - 0 - 0	No. of Credits: 04
Internal Assessment: 30 Marks	Semester End Examination: 70 Marks

Objectives of the Course:

1. To introduce concept and characteristics of e-resources
2. To comprehend the e-resource management in different library systems
3. To explain difference between various formats of e-resource
4. To know the critical technologies and standards behind electronic resource management.

Course Outcomes (COs):

At the end of the course, students will be able to:

- CO1 :** Student can understand of the e-Resources
- CO2 :** Students can understand the E-Resource Management System
- CO3 :** Students can understand the web based e-Resources
- CO4 :** Students can understand the recent trends in ERM

Content of Course 1	56 Hrs
Unit – 1 : Concept of E resource	11
<ul style="list-style-type: none"> ➤ Concept characteristics, advantages and disadvantages ➤ Format of E-resources: Off-line, Online, Databases ➤ E-Resource life cycle. 	
Unit – 2 : Collection Development Process	12
<ul style="list-style-type: none"> ➤ Collection Development of e-resources: policies, new guidelines ➤ Evaluation and Selection of e-resources ➤ Acquisition / Subscription of e-resources – Modes: Direct o Consortia Trail ➤ Publishers of e-resources: products and services ➤ Availability of e-resources Open access and Paid resources 	
Unit – 3 : Unit 3 E-Resources Consortia for Resource Sharing	10
<ul style="list-style-type: none"> ➤ Consortia and E-resources ➤ National: AICTE-INDEST; UGC-INFONET; N-LIST; DeLCON ➤ International: OCLC and Other consortia ➤ Role of Consortia in resource sharing ➤ Paradigm shift of resource sharing in consortia based environment 	
Unit – 4 : Issues and Challenges for managing E- Resources	12
<ul style="list-style-type: none"> ➤ Technological Changes ➤ Financial: pricing models; modes of access ➤ Digital right management, copyright issues for access and distribution ➤ Manpower training ➤ User awareness training 	
Unit – 5 : R-resource management system software	11
<ul style="list-style-type: none"> ➤ ERMSS: concept, need, purposes ➤ Life cycle of resources ➤ ERMSS: products and services ➤ Future of E- Resource Management ➤ ROI: return on investment; cost-effectiveness ➤ Statistical analysis; decision making ➤ Recent Trends in e-resource management 	

References:

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15. <http://pustaka.unp.ac.id>

Date :

Course Coordinator

Subject Committee Chairperson

21LIS4E3L : Plagiarism and Academic Integrity

Course: Plagiarism and Academic Integrity	Course Code: 21LIS4E3L
Teaching Hours/Week (L-T-P): 4 - 0 - 0	No. of Credits: 04
Internal Assessment: 30 Marks	Semester End Examination: 70 Marks

Objectives of the Course:

1. To know about academic integrity
2. To get awareness about plagiarism
3. To be cautious enough to have deterrence strategies of plagiarism.
4. To begin to develop your personal philosophy on academic integrity

Course Outcomes (COs):

At the end of the course, students will be able to:

CO1 : Get awareness about the nature and practice of academic integrity and its advantages

CO2 : Guide the students and others to have deterrence policies and strategies to get away from plagiarism activities

CO3 : Know, how citations are made properly

CO4 : Maintain academic honesty with practical examples by the trainers

Content of Course 1	56 Hrs
Unit – 1 : Academic Integrity	12
<ul style="list-style-type: none"> ➤ Academic Integrity: meaning, definition and concept ➤ Reasons: Individual reputation, personal integrity, professional competence, status or standing of the institution ➤ Original writings and contribution to society ➤ Writings and Impact: good and original writings bring credibility; good impact factors; writings meant for the readers and society 	
Unit – 2 : Plagiarism	13
<ul style="list-style-type: none"> ➤ Plagiarism : Concept, meaning, definition, need and importance ➤ Types of Plagiarism ➤ Copyright and fair use 	
Unit – 3 : Reasons and Preventions	10
<ul style="list-style-type: none"> ➤ Reasons of Plagiarism ➤ Plagiarism Prevention: Training, Transparency and Testing ➤ Policy for Academic Integrity 	
Unit – 4 : Citation and References	11
<ul style="list-style-type: none"> ➤ Citation and References: Concept, Meaning and Definition ➤ Citation Styles and Manuals: APA, Chicago, MLA ➤ Reference Management Software's: Microsoft Word, Mendeley, Zotero, Endnote 	
Unit – 5 : Plagiarism Detection Tools and Penalties	10
<ul style="list-style-type: none"> ➤ Similarity Index and Art of finding Plagiarism ➤ Plagiarism Detection Software: Trunitin , URKUND and iThenticate ➤ Penalties for Plagiarism: UGC Regulations 2018 	

References:

1. Fishman, T. (2009). *"We know it when we see it" is not good enough: Toward a Standard Definition of Plagiarism that Transcends Theft, Fraud, and Copyright*. Proceedings of the Fourth Asia Pacific Conference on Educational Integrity (4APCEI). NSW, Australia: University of Wollongong.
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Date :

Course Coordinator

Subject Committee Chairperson

21LIS4E4L : Conservation and Preservation of Information Resources

Course: Conservation and Preservation of Information Resources	Course Code: 21LIS4E4L
Teaching Hours/Week (L-T-P): 4 - 0 – 0	No. of Credits: 04
Internal Assessment: 30 Marks	Semester End Examination: 70 Marks

Objectives of the Course:

1. To understand concept in preservation and conservation of library materials.
2. To understand traditional methods preservation
3. To understand issues in digital preservation
4. To study the structure and functions of Archives

Course Outcomes (COs):

At the end of the course, students will be able to:

- CO1:** Understand the importance of preservation in libraries
- CO2:** To Identify appropriate methods for preservation
- CO3:** To familiar the various methods of preservation.
- CO4:** To know various archival centers and their functions in India.

Content of Course 1	56 Hrs
Unit – 1 : Concept Of Preservation And Conservation	12
<ul style="list-style-type: none"> ➤ Preservation and Conservation: Concept, Need & History ➤ Evolution of Writing Materials : Clay tables to Electronic form; Durable and Nondurable and Perishable and non-perishable writing materials – ➤ Preservation in Ancient Times – Preservation of palm Leaves and Leather Bound materials 	
Unit – 2 : Hazards To Library Materials	13
<ul style="list-style-type: none"> ➤ Environmental Factors – Temperature, Humidity, Light and Dust ➤ Biological Factors – Fungi, Insects and Other Pests ➤ Chemical Factors – Chemicals used in Production and Preservation of Documents 	
Unit – 3 : Preventive Methods Of Preservation Of Library Resources	10
<ul style="list-style-type: none"> ➤ Preventive Measures for Environmental Factors ➤ Preventive Measures for Biological and Chemical Factors ➤ Disaster Preparedness/Response ➤ Care and Handling of Library Resources 	
Unit – 4 : Non-Book Materials And Their Preservation	11
<ul style="list-style-type: none"> ➤ Variety of Non-Book Materials ➤ Physical Environment for Storing of Non-Book Materials ➤ Care and Handling of Non-Book Materials 	
Unit – 5 : Digital Preservation	10
<ul style="list-style-type: none"> ➤ Digital Preservation: It's Need and process ➤ Challenges and Strategies for Preserving Digital Contents ➤ Role of International/National Organisations ➤ Indian Initiatives towards Digital Preservation 	

References:

1. Casey, J. P. (1982). Paper making. New York : Interscience Publishers
2. Corduroy, John. (1978). Book binding for beginners. London : Thomas and Hudson
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18. https://shodhganga.inflibnet.ac.in/bitstream/10603/96470/11/11_chapter%203.pdf
19. <http://ir.inflibnet.ac.in/bitstream/1944/1466/1/8.pdf>
20. <https://www.colorado.edu/libraries/sites/default/files/attached-files/preservationlinks.pdf>

Date :

Course Coordinator

Subject Committee Chairperson

21LIS4E4L: Marketing of Information Products and Services

Course: Marketing of Information Products and Services	Course Code: 21LIS4E4L
Teaching Hours/Week (L-T-P): 4 - 0 - 0	No. of Credits: 04
Internal Assessment: 30 Marks	Semester End Examination: 70 Marks

Objectives of the Course:

1. To understand the need and concept of marketing in term of Library
2. To explain the evolution of various information products.
3. To discuss the effect of various information services.
4. To explain the need for marketing of information.

Course Outcomes (COs):

At the end of the course, students will be able to:

- CO1 :** Student can understand the marketing of information.
- CO2 :** Students can understand the marketing model and matrix
- CO3 :** Students can understand the marketing plan & research
- CO4 :** Students can understand the information industry

Content of Course 1	56 Hrs
Unit – 1 : Marketing of Information products and services	12
<ul style="list-style-type: none"> ➤ Concept, Meaning and Definitions of Information & library marketing ➤ Information as a Resource and commodity ➤ Need and purpose of Marketing of library products and services; ➤ Concept of marketing in non-profit organizations. ➤ Trans border data flow (TBDF) 	
Unit – 2 : Marketing Models	13
<ul style="list-style-type: none"> ➤ Portfolio Management BCG Matrix Model ➤ Product Market Matrix ➤ Product Life Cycle ➤ Pricing Information. 	
Unit – 3 : Marketing Mix	10
<ul style="list-style-type: none"> ➤ Nature of Marketing Mix ➤ 4 and 7ps of Marketing Mix ➤ Marketing strategies ➤ Branding and Advertising. ➤ Web- Marketing Mix and E- Marketing Mix 	
Unit – 4 : Marketing Plan & Research	11
<ul style="list-style-type: none"> ➤ Corporate Identity, Marketing plans: Marketing Research. ➤ Market Segmentation and Targeting; ➤ Geographic and Demographic Segmentation; ➤ Behavioural and Psychographics Segmentation; ➤ User Behaviour and Adoption. 	
Unit – 5 : Costing and Pricing of Information products and service	10
<ul style="list-style-type: none"> ➤ Objectives and Importance ➤ Influencing factors in pricing ➤ Techniques of pricing of Marketing Information Products & Services. 	

References:

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20. Lucas-Alfieri, Debra. (2011). *Marketing the 21st Century Library: The Time Is Now* 1st ed., Chandos Publishing,
21. Melissa Goldsmith (2017). *Proactive marketing for the new and experienced library Director*. Chandos Publishing, Elsevier.
22. Reed, P.W. (1994) *Marketing Planning and Strategy*. Aslib Proceedings:45.
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24. Shiva Kanaujia, 'Marketing of information products and services in Indian R&D library and information centres *Library Management*. Volume 25 · Number 8/9 · 2004 · pp. 350-360
25. Sylvia Thomas. (2014). *Marketing Concepts for Library Information Services*. Koros Press Limited.

21LIS4E4L: Scientometrics

Course: Scientometrics	Course Code: 21LIS4E4L
Teaching Hours/Week (L-T-P): 4 - 0 - 0	No. of Credits: 04
Internal Assessment: 30 Marks	Semester End Examination: 70 Marks

Objectives of the Course:

1. To discuss the concept, meaning Definition and historical development from Librametrics to Altmetrics.
2. To explain the Bibliometrics/Scientometrics scope and application in relation to LIS students' learning.
3. To explain the model of Bibliometrics/Informetrics to LIS students.
4. To show the systematic development of the quantitative analysis study in LIS and its application in measuring scientific productivity for any given audience.

Course Outcomes (COs):

At the end of the course, students will be able to:

CO1: will understand the scope and definition of different terminologies used in Scientometrics

CO2: gained knowledge on various aspects of Bradford's law -- Bradford-Zipf distribution, ambiguity between verbal and graphical interpretation of Bradford's law, Leimkulher distribution; computational aspects of baradford's law.

CO3: gained knowledge in citation analysis, including the merits and demerits of citation data

CO4: learnt various growth models and their characteristics; also, the relations among the various models; how to identify the trend and how to compute growth rates, doubling time, etc.

Content of Course	56 Hrs
Unit – 1 : Bibliometrics	12
<ul style="list-style-type: none"> ➤ Concept, definition, need ➤ Scope & Parameters ➤ Bibliometric Laws & their Applications 	
Unit – 2 : Informetrics	13
<ul style="list-style-type: none"> ➤ Concept, definition, need ➤ Application in knowledge mapping ➤ Tools and techniques 	
Unit – 3 : Scientometrics	10
<ul style="list-style-type: none"> ➤ Concept, definition, need ➤ Application in knowledge mapping ➤ Tools and techniques 	
Unit – 4 : Webometrics	11
<ul style="list-style-type: none"> ➤ Concept, definition, need ➤ Application in knowledge mapping ➤ Tools and techniques 	
Unit – 5 : Citation analysis, Impact Factor, Online citation index	10
<ul style="list-style-type: none"> ➤ Concept of citation analysis, Formulas for measuring Citation o H-index o I-index o G-index ➤ Impact factor concept, need, Formulas for measuring impact factor ➤ Citation Indexing Databases and Services <ul style="list-style-type: none"> ▪ Scopus ▪ Web of Knowledge ▪ Google Scholar and others 	

References:

1. Pritchard, A., & Wittig, G. R. (1981). *Bibliometrics*. Watford: AllM Books.
2. Todeschini, R., & Baccini, A. (2016). *Handbook of bibliometric indicators: Quantitative tools for studying and evaluating research*. John Wiley & Sons.
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10. Catherine, Sheldrick Ross, Nilsen, Kirsti & Dewdney, Patricia (2002). *Conducting the Reference Interview*. London : Facet Publishing.

Date :

Course Coordinator

Subject Committee Chairperson

21LIS4G2L : Open Access resources

Course: Open Access resources	Course Code: 21LIS4G2L
Teaching Hours/Week (L-T-P): 2 - 0 - 0	No. of Credits: 02
Internal Assessment: 20 Marks	Semester End Examination: 20 Marks

Course objectives

1. To introduces the philosophy of open access and its association with digital library;
2. Defines characteristics of open access;
3. Catalyst to the open access movement and major open access declarations;
4. Discuss the Open access and copyright

Course Outcomes (COs):

At the end of the course, students will be able to:

CO1 : attain the knowledge on various aspects of open access and its movement.

CO2 : get to know about the worldwide development and initiatives working towards open access.

Content of Course	28 Hrs
Unit – 1 : Concept of Open Access	11
<ul style="list-style-type: none"> ➤ Concept, need of Open Access ➤ History of Open Access ➤ Open Information and Data Resources <ul style="list-style-type: none"> ▪ Open Data ▪ Open Educational Resources 	
Unit – 2 : Open Access Initiatives	08
<ul style="list-style-type: none"> ➤ Open Access Initiatives <ul style="list-style-type: none"> ▪ Supporters ▪ Organizations ▪ Journals ▪ Repositories ▪ Networks 	
Unit – 3 : Open Access Issues And Challenges	09
<ul style="list-style-type: none"> ➤ Issues related to Open Access <ul style="list-style-type: none"> ▪ Issues of Quality ▪ Notion of Ranked Journals and Prestige ▪ Lack of Awareness of Open Access ▪ Sustenance and Financial Matter ▪ Copyright and Licensing ▪ Preservation 	

References :

1. Abadal, E. (2012). Challenges for open access journals: quantity, quality and economic sustainability. Hipertext.net, 10. Retrieved from <http://www.upf.edu/hipertextnet/en/numero-10/challenges-for-open-accessjournals-quantity-quality-and-economic-sustainability.html>.
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21LIS4G2L : Intellectual Property Rights in Digital Era

Course: Intellectual Property Rights in Digital Era	Course Code: 21LIS4G2L
Teaching Hours/Week (L-T-P): 2 - 0 - 0	No. of Credits: 02
Internal Assessment: 20 Marks	Semester End Examination: 20 Marks

Course objectives

1. To introduce the basic concept of Intellectual Property Right
2. To understand the process of IPR developments in India
3. To familiar the students with Open Access and Digital Rights Management
4. To introduce the basic concept of International conventions and treaties relating to IPR

Course Outcomes (COs):

At the end of the course, students will be able to:

CO1 : learners would get an idea about different aspects involved in Intellectual property rights in digital environment

CO2 : develop understanding of copyright and managing issues involved in digitising the collection from print to digital

CO3 : get an idea about Creative Common License and context of its application.

Content of Course	28 Hrs
Unit – 1 : Introduction Intellectual Property Rights (IPRs)	11
<ul style="list-style-type: none"> ➤ Intellectual Property Rights (IPRs) : Concept, needs, purpose and categories of Intellectual Property Rights ➤ Economic importance of Intellectual Property ➤ Piracy and Plagiarism ➤ IPRs Developments and Protection in India <ul style="list-style-type: none"> ▪ Copyrights Law in India- Genesis and present status ▪ Patents Act 1970-Genesis and present status ▪ Other industry-related IPRs: Trademarks, Industrial Designs and Trade secrets ▪ Protection policies in IPRs 	
Unit – 2 : Open Access and Digital Rights Management (DRM)	08
<ul style="list-style-type: none"> ➤ Open Access to information: Open Educational Resources, OA Journals and OA Books. ➤ Licensing of digital content: Creative Commons ➤ DRM: Introduction, Techniques ➤ DRM in India: The Information Technology Act 2000, Amendment Act 2008: DRM provisions in the Copyright Amendment Act 2012 of India 	
Unit – 3 : International conventions and treaties relating to IPR	09
<ul style="list-style-type: none"> ➤ Paris Convention, Berne Convention, Universal Copyright Convention (UCC) and Patent Cooperation Treaty (PCT): Overview and Objectives ➤ Trade Related Aspects of Intellectual Property Rights (TRIPS) Agreement ➤ World Intellectual Properties Organization (WIPO): History and Activities ➤ WIPO Copyright Treaty (WCT), WIPO Performances and Phonograms Treaty (WPPT) 	

References :

1. Bently, L., & Sherman, B. (2014). *Intellectual property law*. 4th ed. Oxford: Oxford University Press.
2. Butler, R. P. (2012). *Copyright for teachers & librarians in the 21st Century*. New York: Neal Schuman.
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9. Watel, J. (2001). *Intellectual Property Rights in the WTO and Developing Countries*. London: Oxford University Press.

Date :

Course Coordinator

Subject Committee Chairperson

21LIS4G2L : Internet and Search Engines

Course: Internet and Search Engines	Course Code: 21LIS4G2L
Teaching Hours/Week (L-T-P): 2 - 0 - 0	No. of Credits: 02
Internal Assessment: 20 Marks	Semester End Examination: 30 Marks

Course objectives

- a. To impart knowledge on Internet and World Wide Web
- b. To impart knowledge on categories and evolution of search engines

Course Outcomes (COs):

At the end of the course, students will be able to:

CO1 : attain knowledge about evolution of Internet from its establishment by ARPANET in the year 1960 to Web 3.0 technology in 2010.

CO2 : imparted knowledge on some of the popular applications and services offered by the Internet including e-mail, mailing lists and list servers, chats and instant messaging, voice over Internet, e-commerce, cloud computing and telnet.

CO3 : learn about the evolution of search engines, functions, components and categories of search engines

Content of Course	28 Hrs
Unit – 1 : Internet Technology	08
<ul style="list-style-type: none"> ➤ Meaning and Definitions ➤ History of Internet ➤ Internet Technology: Tools and Protocols: TCP/IP and others ➤ Internet connectivity, Dial up, Leased line, V-SAT Connectivity etc. ➤ Internet, Extranet and Intranet. ➤ Web Browsers: Types, Software, Book Mark, Caching, etc. ➤ Internet security, Firewall, Proxy servers ➤ Web 2.0 and Web 3.0 Technologies ➤ Semantic Web, Invisible Web and Deep Web 	
Unit – 2 : Search Engines	08
<ul style="list-style-type: none"> ➤ Meaning and Definitions, Concept of Search Engines ➤ Types of Search Engines: General Search Engines, Meta Search Engines, Intelligent Search Engines, Subject Specific Search Engines. ➤ Search Technologies and Strategies. ➤ Benefits and Limitations of Search Engines. 	
Unit – 3 : Types of Internet Services	12
<ul style="list-style-type: none"> ➤ E-mail ➤ File Transfer Protocol (FTP) ➤ Remote Login, WWW ➤ Teleconferences, Video conferencing. ➤ Bulletin Board Services and Document Delivery Service. ➤ Trends in Networking. 	

References :

1. Janczewski, Lech. Internet and intranet security management: risks and solutions. Hershey: Idea, 2000.
2. Hallberg, Bruce. Networking: A Beginner's Guide. 6th Ed. New York: McGraw-Hill Education, 2013.
3. Kurose, James F. and Ross, Keith W. Computer Networking: A Top-Down Approach. 6th Ed. New York: Pearson, 2012.
4. Mathew Strebe. Internet Information Service. New Delhi: BPS Publication, 1998.
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6. Pedtey, Paul. Internet and Push Technology. London: LA, 1999.
7. Peterson, L. L. Computer Networks: A Systems Approach. UK: Morgan Kaufmann, 2011.
8. Schwartz, D. T. et. al. Internet based organizational memory and Knowledge Management. London: Ida Group publisher, 2000.
9. Subba Rao, Siriginidi (2001). Networking of libraries and information centres: challenges in India. Library Hi Tech, 19 (2), 167-179.
10. Susan, Estrada. Connecting to the Internet. London: Orilly, 1993.

Date :

Course Coordinator

Subject Committee Chairperson

21LIS4C9P : Digital Library Practice

Course: Digital Library Practice	Course Code: 21LIS4C9P
Teaching Hours/Week (L-T-P): 1 - 0 - 2	No. of Credits: 02
Internal Assessment: 20 Marks	Semester End Examination: 30 Marks

Course objectives

1. To help learn the process of digitization
2. To provide hands on experience to some institutional repository application software's like DSPACE, EPRINTS, and GREENSTONE
3. To hands on experience with DSpace or GSDL or KOHA

Course Outcomes (COs):

At the end of the course, students will be able to:

CO1 : Understand digitization and its requirements

CO2 : Students should be able install and create digital libraries using DSPACE

Content of Course	28 Hrs
Unit – 1 : Digital Library Softwares	08
➤ Introduction to Digital Library and Content Management System (CMS) Software – Proprietary and Free and Open Source Software (FOSS)	
Unit – 2 : Features of Digital Library Softwares	08
➤ Features of DSpace, ➤ Features of GSDL ➤ Features of Eprint software	
Unit – 3 : Hands on Practice	12
➤ Hands on Practice DSpace or GSDL or KOHA	

References :

1. Bishop, A. P. et al. (eds.). (2005). Digital Library Use: Social Practice in Design and Evaluation. Delhi : Ane Books.
2. Chowdhury, G. G. & Chowdhury, Sudatta. (2003). Introduction to Digital Libraries. London : Facet Publishing
3. Deegan, Marilyn & Tanner, S. (2006). Digital Preservation. London : Facet Publishing.
4. Jones, Richard et al. (2006). The Institutional Repository. Oxford : Chandos Publishing.
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7. Lakshmi, Vijay & Jindal, S. C. (eds.). (2004). Digital Libraries. Delhi : Isha Books.
8. Pandey, V. C. (2004). Digital Technologies and Teaching Strategies. Delhi : Isha Books.
9. Rajagopalan, A. (2006). Library of the Digital Age: Issues and Challenges. Delhi : SBS Publishers.

Date :

Course Coordinator

Subject Committee Chairperson

21LIS4C1R : Research Project

Course: Research Project	Course Code: 21LIS4C1R
Teaching Hours/Week (L-T-P): 4 - 0 – 4	No. of Credits: 04
Internal Assessment: 30 Marks	Semester End Examination: 70 Marks

Course objectives

1. To provide the students basic knowledge of research in the field of LIS
2. To help them chose an appropriate research problem for dissertation.
3. To help them apply data collection, analysis and interpretation techniques.
4. To develop familiarity with application of various statistical techniques.
5. To guide the students with basics of research reporting.

Course Outcomes (COs):

At the end of the course, students will be able to:

CO1 : Understand practical application of research methods in the field if LIS

CO2 : Know the use of data collection, analysis and interpretation techniques

CO3 : Carry out a useful research study and submit its report.

General Guidelines:

A. Nature of project work: The student will have to identify an project work in Library and Information Science that matches the student's area of specialization. Project work is a combination of study and a research project. Students are expected to study the functioning of an organization, identify a problem area and provide suggestions to overcome the problems. No two students of the PG-Department/College shall work on the same topic in the same organization. Students can take field based research in different sectors of the Library and Information Science.

B. No two students of the department/college shall work on the same problem in the same organization.

C. Maximum of TWO [02] students of different college can work in the same organization with different topics.

D. Duration of project work: The project work shall be for a period of **ONE SEMESTER**. Students are expected to take up the preliminary work such as identifying the organization, finalization of topic and review of literature during the 3rd semester and start the Internship project work.

E. Guide: Internal guide of the project work is a full-time faculty member working in **Library and Information Science** department of the VSKU/affiliated colleges where **Master of Library and Information Science** program offered. **External guide** is from the Library Science organization where the student is carrying out his/her project work. Internal guide is expected to be in continuous interaction with external guide during the course of the work. The student must get the contact details of external guide and ensure both the external guide and internal guide in network.

F. Schedule to be followed before commencement of Internship [During III semester of the Master of Library and Information Science Program]

Activity	Time-line	Remarks
Identifying the Organization and Problem Identification	First two weeks	Student individually identifies an organization and identifies problem for his/her study, according to his/her interest
Problem Statement	3rd week	His/her interests discussed with guide.
Research design	4th week	Discussion with internal guide to decide on suitable design for the research

Synopsis preparation	5th and 6th week	Preparation of synopsis* incorporating the Objectives
Presentation of synopsis	7th and 8th week	The student will present Synopsis with the detailed execution plan to the internship committee** who will review and may a) approve, b) approve with modification or c) reject for fresh synopsis.
Approval status	9th and 10th week	The approval status is submitted to Chairman, Post Graduate Department of Library and Information Science who will officially give concurrence for execution of the internship.

Structure of Synopsis

Synopsis is a 3-5 pages hard copy document and to be submitted to the Chairman with the signatures of Internal Guide and the Student. Page	Content
Page 1	1. Title 2. Contact addresses of student -with details of internal Guide
Page 2	1. Introduction with objectives, 2. Review of articles/literature about the topic with source of information 3. Expected results (300 words).
Page 3	1. Time-Activity Chart

****Composition of the Internship Committee in the department**

1. Chairman
2. Domain Expert
3. Internal Guide

Schedule to be followed during Project Work [In IV semester] Activity	Time-line	Remarks
Understanding structure, culture and functioning of the organization.	20 Days	Student should understand products /services and problems of the organization.
Preparation of research instrument for data collection	30 Days	Discussion with the guide for finalization of research instrument in his/her domain and submit the same to the guide. (First presentation to Internship Committee)
Data collection and processing	30 Days	Data collected to be edited, coded, tabulated and present for analysis with the guide's suggestions. (Second presentation to Internship

Activity	Time-line	Remarks
Committee)		
Analysis and finalization of report	25 Days	Students must use appropriate and latest statistical tools and techniques for analyzing the data (It is mandatory to use latest statistical packages whose results should be shown in the report) (Third presentation to Internship Committee)
Submission of report	15 Days	Final report should be submitted to the university before two weeks of the commencement of theory examination.

G. Format of the Internship report:

a. **The report shall be prepared using a MS Word** processor with Times New Roman font sized 12, on a page layout of A4 size with 11 margin on all three sides and left with 1.5, double line spacing and only front side print, [no back-to-back print]. The report may not exceed 85 pages.

H. Submission of report:

a) Students should submit the report in Hard bound —**Navy Blue** color with Golden Embossing or screen-printing.

b) Students should also submit the report in electronic form [CD].

c) Only, in PDF file to the department and colleges where **Master of Library and Information Science** program offered. Colleges in turn shall submit all the reports and CDs of their students along with a consolidated master list with university registration number], Name of the student, and Title of the report to the Chairman, PG-Department of **Library and Information Science**, VSKUB before the commencement of the theory examinations.

I. Publication of research findings:

a) Students expected to present their research findings in seminars/conferences/technical events/fests or publish their research work in journals in association with their internal guide of the department with VSKU Bellary affiliation as a tag. Appropriate weight age should be given to this in the internal evaluation of the project report.

J. Evaluation:

a) The project report of a candidate shall be assessed for maximum of 100 marks [consisting of 70 marks for report evaluation by the internal and external guide and 30 marks for viva-voce examination.

b) There shall be double valuation; one by internal guide and second by external guide for a maximum of SEVENTY (70) marks based on parameters specified by BOS in **Library and Information Science**.

c) **Internal Evaluation:** The internal guide shall evaluate the report for a maximum of SEVENTY (70) marks based on parameters specified by BOS in **Library and Information Science**.

d) **External Evaluation:** An associate professor or professor level faculty member of other university shall do external evaluation for maximum of SEVENTY (70) marks.

e) The average of internal and external shall be arrived to award final marks for a maximum of SEVENTY (70) marks based on parameters specified by BOS in **Library and Information Science**.

f) **Viva-voce/Presentation:** A viva-voce examination will be conducted for thirty [30] marks at the PG- BOS in Dept. of **Library and Information Science.**, VSKU, Bellary and each student is expected to give a presentation of his/her work.

g) The Chairman of the department and an expert appointed by the BOE chairman shall conduct the viva-voce examination.

h) The Candidate who fails to attend and/or fulfill the requirements of the course shall not be eligible and he/she shall re-register for the course when offered.

K. Marks allocation for Internship report:

Evaluation by Internal Guide for 70 Marks		
Sl. No	Aspects	Marks
1	First presentation*	06
2	Second presentation*	06
3	Third presentation*	06
4	Introduction and Methodology	10
5	Industry and Company profile/Profile of the study area	03
6	Theoretical Background of the Study	04
7	Data Analysis and interpretation	15
8	Summary of Findings, suggestions and Conclusion	10
Total		60
* Candidate shall submit the presentation reports to the department and should bring the same on the day of Viva-Voce examination		

Evaluation by an External Faculty for 70 Marks		
Sl. No	Aspects	Marks
1	Introduction and Methodology	15
2	Industry and Company profile/ Profile of the study area	10
3	Theoretical Background of the Study	10
4	Data Analysis and	10

	interpretation	
5	Summary of Findings, suggestions and Conclusion	15
Total		60

Viva-voce by Chairman and an Expert Drawn from Other University for 40 Marks		
Sl. No	Aspects	Marks
1	Presentation Skills	05
2	Communication Skills	05
3	Subject Knowledge	08
4	Objective of the study/Methodology	08
5	Analysis using Statistical tools and Statistical Packages	07
6	Findings and appropriate suggestions	07
Total		40

Project Report on

(Title of the Report in Capital Letters with inverted commas)

BY

(Student Name)

(USN)



Submitted to

VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY, BELLARY

*In partial fulfilment of the requirements for the award of the degree of
Master in Library and Information Science.*

Under the guidance of

INTERNAL GUIDE

(Name)

(Designation)

**Post-Graduate Department of Library and Information Science.,Vijayanagara Sri
Krishnadevaraya University,
*Jnana Sagara Campus, Vinayaka Nagar, Cantonment, Bellary-583 1042016-***

2022

DECLARATION

DECLARATION

I, the undersigned, hereby declare that the Project Report entitled -----
-----|| written and submitted by me to Vijayanagara Sri Krishnadevaraya
University, Bellary in partial fulfilment of requirements for the Award of Degree of Master in
Library and Information Science. under the guidance of _____ is my
original work and the conclusions drawn therein are based on the material collected by myself.

Place: Bellary

Signature

Date:

(Name Research Student)

CERTIFICATE

CERTIFICATE

This is to certify that the Project Report entitled -----
-----|| which is being submitted herewith for the award of the degree of Master of
Library and Information Science of Vijayanagara Sri Krishnadevaraya University, Bellary is the
result of the original research work completed by Mr. _____ bearing URN
(xxxx), under my supervision and guidance and to the best of my knowledge and belief the work
embodied in this Project Report has not formed earlier the basis for the award of any degree or
similar title of this or any other University or examining body.

Signature of Research Guide

Signature of the HOD in Case of affiliated College

Place:

Date:

Signature of the Chairman/Principal

Place: Bellary

Date:

COMPANY CERTIFICATE:

This certificate is to be obtained on original letterhead of the company by the project student where he/she carried out project work. For example

CERTIFICATE or TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr**-----has worked in the Library and Information Science department from 7th May 2016 to 7th July 2016 in our organization. During this period, he successfully completed the work assigned to him. He has been sincere, hardworking and punctual in his work. I wish good and prospers carrier for his future.

Signature

[Name of the Person}

Designation with Office Seal

Note: The above-cited content certificate is to be obtained on original letterhead of the company by the project student where he/she carried out project work.

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G. ACKNOWLEDGMENT

A page for Acknowledgment

Here the students can acknowledge for the people who are concern to the work and project. For example:

ACKNOWLEDGMENT

I take this opportunity as privilege to express my deep sense of gratitude to my research guide Dr./Shri _____, [Designation], **Post-Graduate Department of Library and Information Science., Vijayanagara Sri Krishnadevaraya University, Bellary** for his continuous encouragement, invaluable guidance and help for completing the present research work.

I am deeply indebted to Dr._____, Chairman/HOD/Principal, **Post-Graduate Department of Library and Information Science., Vijayanagara Sri Krishnadevaraya University, Bellary or College** for being a source of inspiration to me and I am indebted to him for initiating me in the field of research.

I am deeply grateful to all authorities of the **Vijayanagara Sri Krishnadevaraya University, Bellary** without their help completion of the project was highly impossible.

I take this opportunity as privilege to articulate my deep sense of gratefulness to the Managing Director, and the staff of the ----- of Company for their timely help, positive encouragement and without their help completion of the project was highly impossible.

I wish to express a special thanks to all teaching and non-teaching staff members, the **Vijayanagara Sri Krishnadevaraya University, Bellary** for their forever support. Their encouragement and valuable guidance are gratefully acknowledged. I would like to acknowledge my all my family members, relatives and friends for their help and encouragement.

Place: Bellary

Date:

Name of the Student

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EXECUTIVE SUMMARY OF THE PROJECT

This page should consist of the executive summary of research project carried out by the project student/researcher.