DIPLOMA IN LIBRARY SCIENCE & INFORMATION MANAGEMENT

FOURTH SEMESTER

Course Title: **Computerized Information Systems and Services Practice**	Course Code: **15LB45P**
Type of course: **Practical** CIE – 25 Marks	Total Contact Hours: **78** SEE – 50 Marks

PRE REQUISITE: Should have the knowledge of computers

COURSE OBJECTIVES:
1. Able to List digital Libraries and other libraries Websites
2. Send and receive E-mail Messages
3. Express the internet service providers(ISP's) available in India
4. Work with web searching tools-web browsers, search engines, web index/directories.

UNIT NOS.	CONTENTS	NO. OF HRS.
1.	Web Page Creation Using HTML	18
2.	Internet Tools	20
3.	Library Software	20
4.	National Digital Libraries	20

UNIT – 1 Web Page Creation Using HTML/ Any available latest Markup Language
Internet: What is Internet – Internet Service Providers (ISPs). Web: Home page, Web page, HTML Tags.

UNIT – 2 Internet Tools
Internet tools: E-mail, WWW. Internet/Web browsing/surfing: Web searching tools: Web browser, Search Engines, Web index/directories. Internet addressing methods: concept of IP Address, Domain Name, URL. Searching and accessing the freely available e- documents, e-journals, e-newspapers, bibliographic databases, OPACs of libraries. Sending e-mail.

UNIT - 3 Library Software
Greenstone, E-granthalaya, NewGenLib/ WINISIS/ or any available software : Creating database, tool bars, Editing, copying, moving, deleting the records in a database. Using other features for library activities and services.

UNIT – 4 National Digital Libraries
Study the Feature and Activities of National level Indian digital libraries.

COURSE OUTCOME: At the end of the course the student will be able to:

1. Create an E-mail account and send E-mail's
2. Browse the internet for sources which are freely available
3. Create database, save database, edit/run database of any one of the software
4. Utilities of Green stone/E-Granthalaya/New Gen Lib Software's or any available software & applying its features for library activities

Mapping course outcomes with programme outcomes :

CO – PO mapping

	COURSE OUTCOME	EXPERIMENT LINKED	P O MAPPED	COGNITIVE LEVEL	LAB SESSIONS
CO1	Create an E-mail account and send E-mail's	1,2	1,4,5,8,9	U/A	25
CO2	Browse the internet for sources which are freely available	1,2,3,4	3,4,5,8,10	U/A	25
CO3	Create database, save database, edit/run database of any one of the software	2,4	1,3,4,5,8	App	18
CO4	Utilities of Green stone/E-Granthalaya/New Gen Lib Software's or any available software & applying its features for library activity	4	1,3,4,5,8, 10	U/App	10
TOTAL NO. OF INSTRUCTION					78

U-Understanding; A-Analysis; App-Application

Course with program outcomes Level mapping

Name of the course	Program Outcomes									
	1	2	3	4	5	6	7	8	9	10
CIS Prac.	3	0	3	3	3	0	0	3	2	3

Level 3- Highly Addressed, Level 2-Moderately Addressed, Level 1-Low Addressed.
Method is to relate the level of PO with the number of hours devoted to the COs which address the given PO.
If ≥40% of classroom sessions addressing a particular PO, it is considered that PO is addressed at Level 3
If 25 to 40% of classroom sessions addressing a particular PO, it is considered that PO is addressed at Level 2
If 5 to 25% of classroom sessions addressing a particular PO, it is considered that PO is addressed at Level 1
If < 5% of classroom sessions addressing a particular PO, it is considered that PO is considered not-addressed.

COURSE ASSESSMENT AND EVALUATION

	What		To Whom	Frequency	Max Marks		Evidence Collected	Course Outcomes
					Theory	Practical's		
DIRECT ASSESSMENT	CIE – Continuous Internal Evaluation	I A Tests	Students	Two IA tests (Average marks of two IA tests are considered)		10	Blue Books	1 to 4
		Class room Assignments		Record Writing (Average marks of each exercise to be computed)		10	Record book	1to 4
				Student Activity		05	Log of activity	2/3
				TOTAL		25		
	SEE – Semester End Examination	End Exam		End Of the Course		50	Answer Scripts	ALL CO's
INDIRECT ASSESSMENT METHODS	Student Feedback on course		Students	Middle of The Course	Feed Back Forms			
	End of Course Survey			End of The Course	Questionnaire			

*CIE – Continuous Internal Evaluation   ***SEE** – Semester End Examination

Note:
1. I.A. test shall be conducted as per SEE scheme of valuation. However obtained marks shall be reduced to 10 marks. Average marks of two tests shall be rounded off to the next higher digit.
2. Rubrics to be devised appropriately by the concerned faculty to assess Mini project/Student activities.
3.

Note to IA verifier: The following documents to be verified by CIE verifier at the end of semester
1. Blue books (20 marks)
2. Student suggested activities report for 5 marks
3. Student feedback on courses regarding Effectiveness of Delivery of instructions & Assessment Methods

Question for CIE and SEE will be designed to evaluate the various educational components, such as:-

Remembering and understanding	:	35% Weightage
Applying the knowledge acquired from the course	:	45% Weightage
Analysis	:	20% Weightage

REFERENCE:

1. Kent : 10 Minute Guide to the Internet. PHI, New Delhi
2. Crumlish: The Internet for busy people. Tata McGraw-Hill, New Delhi
3. R Raman Nair: Internet for Library & Information Services. Ess Ess, New Delhi
4. R Raman Nair: Internet for Information Mamagement Services. 2 Vols.(Parts). Ess Ess, New Delhi
5. Help menu and manual of Greenstone, E-granthalaya, NewGenLib, softwares
6. Library Automation and Acquisition system. Edited by S.P.Singh, 2009.
7. Sanjeevi Amba and K.S. Raghavan :
8. R.S. Aswal: CDS/ISIS for windows: A Handbook for Librarians, 2003.
9. www.digital library.edu.pk, www.diety.gov.in, www. Nationallibrary.gov.in
10. Firuza Aibara: HTML 5 for beginners, 2012
11. Navneeth Mehra: Website development using HTML and CSS, 2012.
12. http://www.infolibrarian.com/eres.html

SUGGESTED LIST OF STUDENT ACTIVITIES

Note: The following activities for assessing CIE (IA) for 5 marks (Any one)

1.	Create a web page using HTML for Five laws of Library Science
2.	Open an E- Mail ID in your name
3.	Search and Access any five freely available E-Journals in library science

MODEL OF RUBRICS FOR ASSESSING STUDENT ACTIVITY

Task Given: Create Web page in HTML

Dimension	Scale					Students score (5students)				
	1 Unsatisfactory	2 Developing	3 Satisfactory	4 Good	5 Exemplary	1	2	3	4	5
1. Preparation	HTML tags are not correct	HTML tags are incomplete	HTML tags are not satisfactory	HTML tags are correct to create Web page	Successful creation of Web page by using HTML tags	3				
2. Fulfill team's role and duties	Does not perform any duties assigned	Has collected little information from few sources.	Performs partial duties	Performs neatly all duties	Performs all duties of assigned team roles	3				
3. Conclusion	Poor	Less Effective	Partially effective	Summarises but not exact	Most effective	4				
4.Convensions	Frequent error	More error	Some error	Occasional error	No error	4				

Total marks (14/4=3.5,rounded off to 4)	4			

MODEL QUESTION BANK

1. Create a simple web page giving name of the library using HTML or any other software/Mark up Language.
2. Name any two web browser. Explain their search facilities.
3. Name any two search engine? Explain the feature of them.
4. What is IP address? Why it is used explain.
5. Search any digital library for a specific information requirement.
6. What is URL? What is the need for it?
7. Write the format of E-Mail address.
8. What is domain name? Explain its use with example.
9. Write the feature of any one library software.
10. Search DOAJ and show how an article is search and downloaded.
   Search any free kannada general periodicals.

Examination: Students have to submit a record of the work done in practical classes for valuation. The end exam includes:

1. Internet Browsing   15 Marks
2. Green stone/E-Granthalaya/New Gen Lib   15 Marks
3. Record   10 Marks
4. Viva voce   10 Marks

              Total   50 Marks