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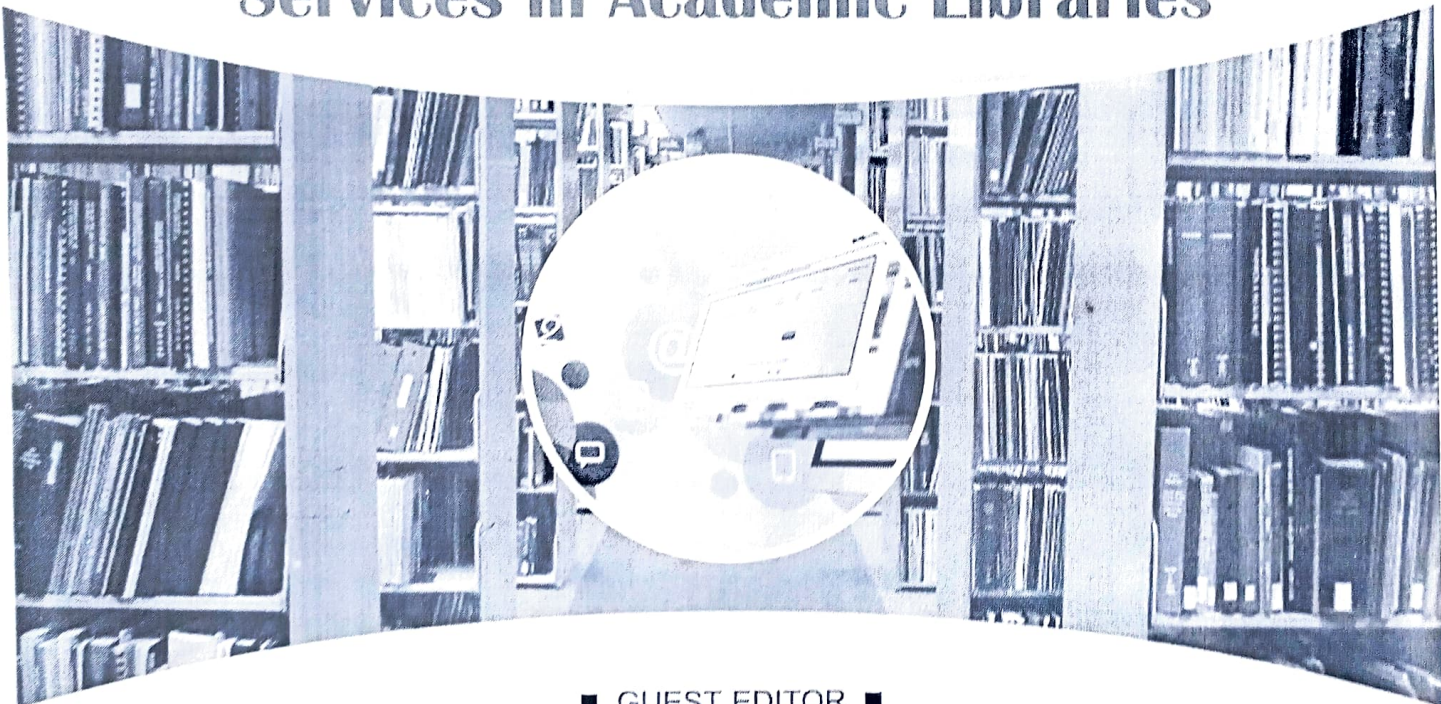
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On

Web Based Library and Information Services in Academic Libraries

22nd January 2019

Web-Based Education : WISE Consortium

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Abstract

Web based education is different concept to online education and distance learning. It enables an academic institutions to provide and interactive real time virtual classrooms, to the specific need to the students. Web is the interface between the student and the academic institutions. The servers are the depository of course content which is required by students.

In this paper author try to find out the Web-based education for library science, and examined the website of https://www.wiseeducation.org/ and also the members institute website to find out he library science online courses. WISE consortium based on three pillars Quality, Pedagogy and Collaboration. This paper explained that online courses provide Collaborative, Cost effective distance education which increase quality, access and diversity of online education opportunities in Library and Information Science.

Introduction

Internet is treasure of knowledge, so we need to pen that treasure for all students. For this we should used technology based instruction system or related tools in school, colleges and universities and World wide Web as medium of education. WWW is used to defeat space and time boundaries and go beyond the limitations. The web allows education to go to the learners rather than the learners to education. Web-based learning provide many additional opportunities aside traditional way of learning and WBL may able to attract a more diverse student .

Web-based Learning / Education

All of you heard the lots of terms just like e-learning, online learning, technology based instructions, computer- based training, virtual education, and internet-based education etc. these all terms are used for WBE.

Web-based Education has got much attention as being an incredible opportunity to study nowadays. Despite of its popularity the notion still remains unclear and confusing. Web-based education compasses all aspects and processes of education that use World Wide Web as a Communication medium and supporting technology. (Deved, 2006)

Web-based technology is one way to learn, using web-based technologies or tools in a learning process. Learner uses mainly computers to interact with teachers, students and learning materials. This system consists of technology that supports traditional system of learning, classroom training and online learning environment. But in pure web based courses are depend on computers and online environment. (Orientation to Web -based Learning)

Web-based learning can divided in to two forms 1) Formal web-based learning 2) Informal learning.
1) Formal web-based learning - activities organized by trainers/ teachers/instructors
2) Informal learning - self working on internet, searching materials from internet.

Web based education we have two different types, asynchronous and synchronous learning:
1. Synchronous, means "at the same time," involves interaction of participants with an instructor via the Web in real time, for ex. Virtual class rooms, instant messaging, chat, audio and video conferencing etc, all the sessions can be recorded and played back. Its advantages are:-Available on the same time for instant learning, accessible from anywhere at any time, availability to anyone, one time expenditure
2. Asynchronous, means "not at the same time," allows the participants to complete the WBT (Web-based training) at their own pace, without live interaction with the instructor, interaction amongst participants through message boards, bulletin boards and discussion forums. These include computer based training modules on CD-Rom's, Web based training accessed through intranet or through well written articles and other write ups. (19ja)

Web-based Information Science Education (WISE)

WISE is a unique and groundbreaking opportunity for students to take online Library and Information Science accredited courses from other universities. All over the world leading schools, colleges and universities in the information science field have gone outside the classroom to extend their reach to broaden the online educational opportunities for students. Web based courses enriches education and foster relationships among students, faculty and universities. (UNC)

The vision of WISE initiative is to "provide a collaborative distance education model that will increase the quality, access, and diversity of online education opportunities in library and information science." (Montague)

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WISE was originally funded by a grant from the institute of museum and library service. The WISE consortium enables its member schools to offer their students a wide array of special topics courses offered by other WISE member schools. Members schools choose which of their own courses are made available to the consortium and which consortium courses are offered to their own students.
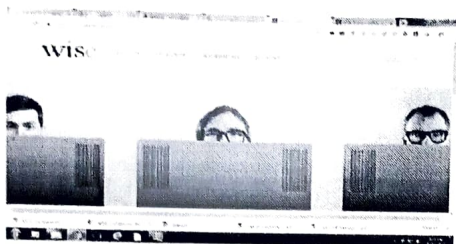
(Screenshots :home of https://www.wiseeducation.org/ accessed on 11th January 2019)

Table 1: Participating Institutions in WISE (Web-based Information Science Education) Consortium

Sr. No.	Name of Universities	Website
1	Indian University	https://online.iu.edu/degrees/?fields=library-science
2	Rutgers University	https://comminfo.rutgers.edu/academics/graduate/master-information/program-information/wise
3	Simmons University	http://internal.simmons.edu/students/slis/current/courses/course-descriptions/affiliate-courses
4	Syracuse University	https://ischool.syr.edu/academics/wise/
5	University of British Columbia	https://slais.ubc.ca/programs/courses/wise-courses/
6	University of Illions at Urbana- Champaign	https://ischool.illinois.edu/
7	University of Maryland	https://gradschool.umd.edu/information-studies/lbso
8	University of North Carolina at chapel Hill	https://sils.unc.edu/programs/wise
9	University of Pittsburgh	https://www.online.pitt.edu/programs/
10	University of Texas at Austin	https://www.ischool.utexas.edu/courses/wise_consortium
11	University of Western Ontario	http://www.fims.uwo.ca/
12	University of Wilsconsin-Milwaukee	https://uwm.edu/informationstudies/academics/online-programs/
13	Victoria University of Wellington	https://www.uwsp.edu/online/Pages/default.aspx

Above data is collected from the website of https://www.wiseeducation.org/ and the website of participating institutes of WISE (Web Based Information Science Education)

Table 2: Subject wise List of WISE (Web based Information Education) Consortium

No.	Subject	Title of Courses
1	Archiving	1) Administration and use of Archival Maerials 2) Archival Outreach -Programms and Services 3) Technologies issues in Archives 4) Introduction to Archival Management 5) Introduction to Records Management
2	E-library / Digital Library/ E learning	1) Digital Libraries 2) Distributed Computing for Information Professional 3) Data administration Concepts and Database management 4) Metadata 5) Micro computers for IRM 6) Instructional Technologies 7) Electronic Publishing 8) Electronics commerce 9) E-learning : social and technical issues

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		10)	Technologies in Web Content Mangement
		11)	Searching online information Systems
		12)	Wireless Interactive Communication
		13)	XML for Libraries
		14)	Web Design And Architecture
		15)	Advanced database Management
3	Information Sources and Services	16)	Audio & Visual Information Sources and Delivery
		1)	Adult Popular Fiction & Reader's Advisory Serices Adult Public Services
		2)	Information architecture for Internet Services
		3)	Information Books and Resources for youth
		4)	Information Environment
		5)	Information Inquiry for K-12 Teachers
		6)	Information Marketing
		7)	Information Services for Specific Populations
		8)	Information Sources and Services in Social Sciences
		9)	Information Use
		10)	Management of Library Services
		11)	Managing Internet Information Services
		12)	Maori Information Sources
		13)	Motivational Aspects of Information Use
		14)	Reference and Information Services
		15)	Reference Sources and Services
		16)	Research methods
		17)	Social Science Resources and Services
		18)	Technical services Function
4	Health Science Information	1)	Consumer Health Resources
		2)	Health Information
		3)	Health Consumer Information Sources and Services
		4)	Health Science Information Services and Resources
		5)	Health Science Resources & Services
5	Children's Literature	1)	Children's Literature & Related Materials
		2)	Electronic Materials for children & Young Adults
		3)	History of Children's Literature
		4)	Library Materials for Children and Young Adult
		5)	Literature and Resources for Children
		6)	Poetry for Children and Young Adults
		7)	The School Library Media Specialist
6	Library Management / Information Professionals	1)	Technological Librarianship
		2)	Change Management
		3)	Collection Development
		4)	Entrepreneurship for Information Professionals
		5)	Financial Management
		6)	Globalization and the Information Society: Information Communication& Development
		7)	HRM in Libraries & Information Centers
		8)	Information Industry Strategies
		9)	Information Policy
		10)	Information quality: Principles & practice
		11)	Information System Analysis: Concepts & Practice
		12)	Introduction to Strategic Information Management
		13)	Licensing for Information Professional
		14)	Management & Administration for the Information Professionals
		15)	Managing Academic Information Enterprise
		16)	Managing Information System Projects

		17)	Marketing & Public Relations for Libraries
		18)	Organizational Information Security
		19)	Seminar in Intellectual Freedom
		20)	Seminar in Strategic Information Management
		21)	Subject analysis and Thesaurus Construction
		22)	Topics of Info,Literature& Bibliography: Sources and Services for patrons with Disability
		23)	Use and Users of Information
		24)	Topics Maps
7	Applied Science and Information Science	1)	Application in Medical Informatics
		2)	Applied Economics for Information Managers
		3)	Applied Information Security
		4)	Behavioral Perspectives
		5)	Biodiversity Informatics
		6)	Business Information
		7)	Law (Legal Resources)
8	Indexing	1)	Indexing & Abstracting
		2)	Indexing & Abstracting Systems & Services
9	Cataloguing & Classification	1)	Cataloguing And classification I
		2)	Cataloguing And classification II
		3)	Cataloguing & Organization of Digital Resources
		4)	Theory of Classification & Subject Representation
10	Female Librarianship	1)	Feminism, Librarianship & Information
		2)	Fantacy and Speculative Fiction
		3)	Female Voices in Historical Narratives
11	Government and Libraries	1)	Government and Information
		2)	Government Information

Interpretation : All the WISE courses are categories in the library science Subjects. Total 93 courses are available on the website. Data is collected form the universities websites and the WebPages are minutely examined to find out the courses. List of Courses are available on https://www.wiseeducation.org/ last accessed on 11th Jan 2019.

Table 2A : Subject wise Quantity of Online Courses

Library Science Subjects										
Archiving	E-library / Digital Library E learning	Information Sources and Services	Health Science Information	Children's Literature	Library Management /Information Professionals	Applied Science and Information Science	Indexing	Cataloguing & Classification	Female Librarianship	Government and Libraries
5	16	18	5	7	24	7	2	4	3	2

In Table 2A we come to know that Total 24 online courses are thr on "Library Management/ information Professionals", it followed by Subject "Digital library/e-library" having 16 courses and "Information Sources and services having 18 online courses "

Web based education for Librarian

Web based services and education is major challenges for librarian in their profession. Librarians are performing their duties in online environment but they need to restructure themselves into the online environment. They need to acquire skills in electronic information, content management systems, and network navigators. In the new web environment librarian's role is changing step by step - E-librarian, webrarians and digital librarians. Librarians are expected to be called on to increase their competencies in communication and information technologies and other disciplines e.g.marketing, management, teaching and communication.

Conclusion

Web based education enables individuals to learn by themselves, encourages self-directed learning, learners-centered learning, just in time learning. The online medium allowed libraries to get in touch with large number of users which is not possible in traditional classroom patterns. Web based education will gain its popularity in the future especially because of

Internet and Web. For the success in the Web based education, computer literacy, information literacy, internet literacy are required and become more important for cyber learners. Internet literacy is required to prepare students as well as information professionals to survive in web based environment.

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