OPTIMIZING E-LEARNING THROUGH SOCIAL MEDIA AND E-LEARNING TOOLS: LIBRARY AT THE BASE

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Abstract:
   The article is focus on the latest trends e-learning through social Media and E-learning Tools at the Base of academic library, A learning system based on teaching aids but now a day's teaching is based on electronic sources like online Teaching and text . It is based on out of the class rooms it is teaching ability beyond the class rooms. The Library offers to faculty members and Learners to use of teaching equipment and learning tools. What the learners need fulfill by Library. It does the service neatly E-learning environment is supported by collaborative a process which is focused on increasing learning abilities of individual and organizational performances. The Library training is the Vital role in the E-learning Process, the article tries to expose the useful for development of e-learning systems base of Academic Libraries. Library provide us to Suitable useful Social media Tools with Suitable.

Keywords: online Education, E-Learning, Online Learning, Web-based Learning, Academic library-learning centre-learning Tools

Introduction:

   Social media has disrupted the personal and commercial habits of individuals to an unimaginable extent. Just as television turned people who listened to media content into watchers of media content, the social media has created a vast and distributed community of media content creators. The Internet provides ample opportunities for information institutions in general and libraries in particular, to communicate and engage with the information users using free online resources. Social media is just a name for how the internet looks nowadays and the way people use it. This change is particularly due to the social media tools. In a general sense we can say 'social media are media for social interaction, using highly accessible and scalable publishing techniques' (Morgan, 2012). Social media makes our information search, accessing, organizing, creating, disseminating and analyzing more interactive. Kaplan and Haenlein (2010) define social media as "a group of Internet-based applications that build on the ideological and technological foundations of Web 2.0, which allows the creation and exchange of user-generated content." We can see the working of the idea of 'Co-creation' coined by C.K. Prahalad effectively in social media where the idea is realized using technology and social interaction.
           Technology has modified all spheres of life, including education and the provider of information. The advancement of technology has changed the form of education into new role of teaching and learning, known as e-learning, online learning, virtual learning, internet learning etc. The importance of e-learning is growing in academic institutions. The offers of e- learning are flexibility, convenience, and the ability to work anywhere, anytime.. With the emergence of e-learners libraries have to change the way in which they provide their resources and services in order to accommodate the newly emerging users (e-learners). Now day's Academic libraries are connected by network data that is connected to the vast ocean of Internet-based services. Moreover, electronic resources linked to the profession which is developing at an unprecedented pace.

ADDIE model
The ADDIE model for E-Learning Instructional Design, Which shows Design process model that is made up of five distinct parts: Analysis, Design, Development, Implementation and Evaluation. This post will look at each part in turn and describe how they can be applied in the development of an e-Learning based course.

Fig –ADDIE Model

Derivations:

'A **learning** system based on formalized teaching but with the help of **e-**resources is known as **E-learning**. While teaching can be based in or out of the classrooms, the use of computers and the Internet forms which are considered the major component of **E**-**learning**.

E-Learning is a general term used to refer to a form of learning in which the trainer and student are separated by space or time where the gap between the two is bridged through the use of online technologies**--Wikipedia**

● E-Learning is - a learning system designed and developed by using Information connected Technologies - computers and the Internet and electronic resources to enable people to learn anytime and anywhere.
● E-Learning can additionally the classrooms and used for knowledge enhancement, skill development.
● E-Learning modules comprise Resources, Training, and Guidance from experts.

E-learning of Library

Today Technology is changing the way we do nearly everything, from driving our cars to experiencing (virtual) reality, right down to the way we learn and teach. Our new Continuum column dives into the e-learning waters by addressing a spectrum of issues including the nature of e-learning, the role of technologically-informed teaching and learning in library work, and the resources that are needed to make e-learning happen.

E-Learning Methods

Delivery Methods of E-Learning					
synchronous	Asynchronous	Instructor-led Group	Self study with subject Group	Web based Blog.Wikis	Computer Based(CD ROM) Video,Audio Sreaming

E-Learning Culture

Learner
- Self directed
- Self Motivated
- Self requlating
- Lifelong Learning

Teacher
- Develop Knoweldge and Skills
- Understand learning and its needs
- Facilitate Learning
- Create Learning Opportunities

Administrator
- Create Learning Environment
- Provide ICT infrastructure
- Resources for lifelong learning

Kinds of E-Learning

These types are based on the use of instructor, timing of the course and involvement with others, selecting the appropriate type involves considering the learners prior knowledge, learning speed, time available, and geographic separation

Synchronous Learning

Synchronous learning Learning Occurs when an instructor and learners are together at the same time but not necessarily in the same physical place
- Eg. Traditional Classroom is a Great example of Synchronous learning during a traditional classroom session, learners meet at a set time, have discussions and are tested together.
- Listening to a live radio broadcast.
- Watching live a Television broadcast.
- Internet Telephony
- Online Lectures.
- Two-way live Satellite broadcast.

Asynchronous Learning
- Asynchronous Learning or self paced learning is the opposite of Synchronous learning. it occurs when the instructor and learners do not participate at the same time, often there is no instructor at all.
- In the world of traditional education, think of homework as Synchronous learning. If learners are given an activity to complete on their own time by themselves, the learning is asynchronous.
- In the world of e-learning, a self paced course that can be accessed at any time and does not require the involvement of an instructor or peers is considered asynchronous.
- Videotaped Classes.
- Stored Audio/Video web presentation or Seminars
- Recorded Audio Tapes
- Question and Answering Mentoring
- Reading e-mail message

Group Learning

Group learning has an instructor, and learners complete activities such as readings, videos discussion, assignments and projects. There is a specified beginning and end date, but within the course time frames, participants learn and communicate on their own time.

Group learning includes an instructor who gives and grades tests and other assignments. This model popular in higher education using platforms such as a blackboard.

Combine Learning

Combine learning uses two are more learning events in different formats, for example you may develop asynchronous e-learning modules to present factual information and then invite learners to participate in class room instruction where they can have face-to-face discussions or hand –on practice.

Unlimited simultaneous Users

Where classroom courses can only allow a certain number of learners per session, an e-learning course can be available to unlimited users at any given time, this can allow many people in multiple locations to get access to valuable information right way .This is useful when the entire company needs time-sensitive information and you can't wait for the trainers to get to all the locations.

E-Learning Advantages

● Reduce Travel cost and Time
● Selection Learning Materials as per requirements
● Learners are free to Access the content as per the convenience
● Self paced Learning with working in office too
● Flexibility to join discussion forum
● Update knowledge with less efforts being in own place
● Assist in personalization of personal and professional work.

Open Source e-Learning Applications

● SAKI
● ILIAS
● CAROLINE
● DOKEOS
● Efront

Social Media Tools Ideal for e-Learning

● Podcasts
● Blogging
● Facebook
● Google Collaboration Tools
● Webinars
● Online Brainstorming
● Twitter
● LinkedIn
● YouTube
● Telegram
● RSS Reader

The use of social media tools in e-Learning cannot be underestimated, and is poised to revolutionize the way organizations and schools communicate to their users. For more information on better ways to engage your students in an ever-changing industry, contact us via our website or any of our social media sites: Facebook, Twitter, LinkedIn!

<u>E-Learning Applications(Tools)</u>

- Zoom
- Google Meet
- Microsoft Teams
- Cisco WebEx
- Blue Jeans
- GoToWebinar
- GoToMeeting:
- Blizz

E-learning Benefits
Convenient

- Self service (mix and match)
- On demand(anytime,anywhere)
- Private Learning
- Self-Paced
- Flexibility(Modular Package)

Media rich

- Easier to understand and more engaging

Repeatable

- As many times as you like

Easier To monitor progress

- Less Administrative work
- Can be more precise

Consistent

- Central control of Content
- Same quality of content for all
- Same quality of education for all

The following Online courseware offered by Academic Library (E-Learning Centre)

- Swayam
- NPTEL:
- Inflibnet
- E-PG Pathshala
- Vidya Mitra
- MHRD's Virtual Labs
- KRISHIKOSH
- MIT Open Courseware
- CEDT e-Courses
- Global Courseware
- Utah State Open Courseware
- JHSPH Open courseware
- Notre Dame Open Courseware
- Khan academy
- Coursera
- Virtual Labs

Lots of E-Learning Abilities in Academic Library
The Academic librarian who has embraced and be aware of Open thinking characteristic of the Open movement will recognize among the multiple learning cultures those educators, students or patrons. He continues by recognizing that while libraries have access to inexhaustible information the library is uniquely different from the classroom in so far as learning is concerned. This begs the question of just how learning takes place. Does learning happen because an instructor organizes materials to present, even using a variety of methods, maybe even utilizing the new technology.

Continuing, he stated that E-learning in libraries aims to promote relationship in and between libraries, between libraries and their users, to strengthen knowledge internetworking, and to quicken the knowledge flow.

• To promote collection, processing, storage, distribution of knowledge;

• To promote scientific research;

● To promote online courseware and Enrolled the Learners by Academic Libraries.

A holistic integrated view
Users

E-Learning

E-Resources   services
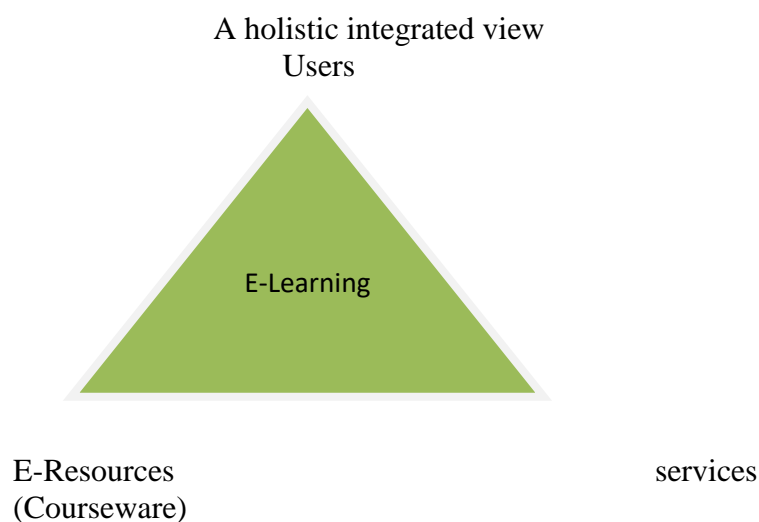(Courseware)
Fig-E-Learning centre in Academic Library

Academic Library base to provide information regarding Teaching, learning and research. Though not everywhere, yet e-learning has been integrated in the curriculum of most of the university by different faculties. From the library side it has been a great opportunity to integrate the library resources and services in support of learning, research and outreach. In recent years several steps have been taken to combine e-learning with the academic work. Most of the modern academic libraries are digital and e-learning can effectively take place in a digital environment. Academic libraries apply appropriate communication technologies in support of e-learning by providing seamless access to electronic resources and services. Electronic resources include online OPAC, Databases, Multimedia, Online journals, digital repositories, electronic books, electronic archives and online / electronic services. The utilization of cutting edge technologies by academic libraries to provide access to resources and services in support of learning.

The Initiative which should be taken by the Academic Libraries should take an initiative towards Establishment of an e-learning support centre which would undertake training of the academic staff in integrating the educational technology into the curriculum to provide access to the content. As a part of this initiatives an Educational Technology unit will develop e-learning smart classrooms, along with video conferencing and assignment tools enabling flexible learning and teaching with the students studying at their own place. The academic library must have a holistic approach in e-learning whereby different traditional and digital methods and media are integrated in learning and teaching. As faculty and instructors have began to adopt e-learning strategies as a part of their teaching repertoire, libraries

played a key role, helping to find and organize resources to complement programmes and courses making use of e-learning in order to provide support to students working through their assignments.

The role of the academic library for e-teaching and e-learning process can be carried out if the library has two types of **requirements.**
i) Technical and Functional requirements
ii) Technical and Cultural requirements

Effects of Social Media In Library

It learns about how to bring social media tools for library services. We will learn about one tool in each of the categories of social media .Identified by Kaplan and Haenlein (2010) and later will discuss about Library 2.0 Website and OPAC 2.0. Before learning about the social media tools, we will discuss about types of social media.

The media is focus on Society and development of learning , Social media is called "social" for a reason. It Exchange information rapidly through the Social media like can take many different forms, including Internet forums, weblogs, social blogs,facebook,Twitter,whatsapp, micro blogging, wikis, podcast, pictures, video, rating and social book marking. Based on the presence, features, processes and community involved, 6 types of social media are identified – Communication, Collaborative Content Building, Multimedia Sharing, Review & Opinions, Entertainment, and, Monitoring. The services and the tools identified by Kaplan and Haenlein (2010) under each of the types are discussed at the end of this unit as Types of Social Media.

Crucial Role of e-Learning in Academic Library

Nowadays academic libraries are a part of e-learning process and are actively participating by providing online and in person modules, guides, subject and class based lists, as well as reference (synchronous and e-mail). The library offers classes and courses on research strategies, help students in influential use of scholarly resources, work with the faculty in planning and developing online courses to integrate concepts of information literacy throughout the curriculum. The Learners need to support in Academic Libraries which is able to articulate the in formations, its is the most Successful e-learning process through the find appropriate Electronic resources. The Learners to focus on course content with Academic Libraries .In the case of libraries what is good for the online student is also useful for the campus based student.

Academic Libraries are contributing to develop web based modules to support course integrated instruction session but also it is encourage to the students with help of the Online Contents..Its Academic Librarian offers to staff use of material that will be guided to students in using Electronic resources specific to their assignments at the reference desk. This blending approach to Seek information literacy that will offer to students and instructors with an ability to address diverse learning styles and encourage active Learners to 24/ 7 access that may foster increased Learners to contact with the Academic Librarians.

The requirements on the part of the Librarian to be a part of e-learning are:

a) Through The Academic Library is offered the information to Student and Faculty by Librarians.
b) Complementary e-learning tools by faculty and departments.
c) Actively seek representation through appointments to committees that deal with selection,
d) Management and governance of online instructions systems on their campus

Conclusion:

In this Article maintain that the author hopes to supply reasonable comprehensive of key areas of necessary interaction between e-learning and digital library.It shows the necessary interaction between learners and digital library tools .To access the internet based courses which to promote the accuracy lot of service in the digital library and The strength of digital libraries and digital collections depends on the relationships libraries develop and maintain with the creators, publishers, and aggregators of e-

resources, as well as with those who use, learn from, and evaluate these resources. E-learning rely on technology rather than in students, nowadays we can verify that e-learning goes in the direction of students 'and their collaboration, directed learning between student and teacher, The development of e-learning makes three possibilities in the internet-based learning system, they are web course, web centric course, and a web enhanced course. Learning or e-learning is also inseparable from Academic Library, But behind it all, learning process is going through e-learning which supportive in the current learning process of Academic Libraries are playing crucial role in the part of the learning and teaching. It helps to find and organize the sources for learning process. In modern world digital library focus on technological learning and teaching.

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