Use of Library's Digital Repository to Increase library users

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Abstract - This paper describes faculty deposit in digital repository directly affects to increase digital library users. This research paper highlights benefits of digital repository. Academic libraries need to increase their digital access by linkup webpage of Library with institutional website. To make Libraries webpage there are various webpage designing software like JOOMLA, Wordpress, Drupal etc.With the help of digital repository software's like DSPACE, EPrints, Fedora Commons, Invenio, MyCoRe,Opus and SobekCM librarians can make institutional repository.

Keywords: Digital repository, Faculty Deposit, librarian's role

Introduction:

As per new norms of universities all granted and non-granted colleges needs to do Accreditation. On the basis of accreditation rules and regulations there is a norm that each college library must have their own digital repository which auto counts the no. of users of digital library. A digital repository means it is a mechanism to manage and to store digital content. Repositories can be used to focus institutional workout done by staff/faculty. By research outputs such as journal articles or research data, e-theses, e-learning objects and teaching materials, and administrative data we can include in repository content.

By this research paper explores faculty deposits in institutional repositories within selected disciplines and identifies the different navigational paths to institutional repositories from library Web site. Librarians can include projects guided by faculties to last year students with project introduction and snapshots.

Every institute has their own institutional website to introduce themselves. By the institutional website researcher can gain proper information about institute. This is the right way to attract scholars (i.e. brilliant students, new faculties or researchers etc.) towards the institute. Now a day's institutional repository beings a marketing tool to became a successful and famous in this competitive world. All are aware that now a day's scholars avoid going and sitting in library to use and read books or any other reading material because they have smartness in their hand like smart phones. So it is the fact that if we need to stand and run with new generation we must want to get update by digitization. To hold our stand we must go with digital world and make

institutional libraries digital repository. The repository is an essential storage unit for scholarly materials that remain searchable by web search engines.

Objectives

The objectives of this research is
- To increase library users by using digital repository
- To upgrade librarian and to make a stand as a IT professor by creating libraries digital repository

Methodology

For this research paper problem oriented research type is used. This paper includes types of digital repositories to use to link up with institutional website by using DSPACE or JOOMLA a content analysis. The information about increased users and citations which are achieved by digital repository like e journals, published research papers by faculty, digitized books etc. are auto counted by digital counter. Many academic libraries facing problem regarding less users of library. This paper is help to increase library users by digitization in library.

How much Digital repository software available in market?

The open-source software packages for running a repository locally includes following open source software:

- DSpace.
- EPrints.
- Fedora Commons.
- Invenio.
- MyCoRe.
- Opus.
- SobekCM.

Software

Main category: Institutional repository software

DSpace, EPrints and Digital Commons these tree software are popular software for institutional repository. DSpace and Eprints are open source software and Digital Commons is hosted software. Majority if institutions are used cloud based open source software. Mostly new adopters give more preference to Cloud based open source software. 72% of respondents use hosted service for Institutional repository. To avoid provision of local hardware, software service, staff, other infrastructure and to avoid required technical skill for installation and use any software, institutions prefer for cloud based solutions because these are easily get started with a hosted software service.

The proprietary software package for running a repository in the cloud includes:
- Digital Commons
- SimpleDL

Open source software packages are easy to install and easy to maintain also it is more compatible with the ideology of the freedom of independence of the internet from the commercial internet Few colleges are showing interest in open source today to save money. Technical staff to manage and maintain the open source solution is factored in because there is no evidence of significant cost savings.

The open-source software packages for running a repository locally include:
- DSpace
- EPrints
- Fedora Commons
- Invenio
- MyCoRe
- Opus
- SobekCM

At the end of the day institutions are substantially protected against the risk of lock-in by the fact that these entire IR platforms share a common open standard called OAI. This standard makes it not just possible but fairly easy to collect and move one's materials from one platform to another. Repository 66, ranking web of repositories are few mashup which indicate the worldwide locations of open access digital repositories. It is based on data provided by ROAR (Registration of Open Access Repository and the OpenDOAR (Directory of Open Access Repository service developed by SHERPA.

Benefits of Digital Repositories

- Opening up outputs of the institution to a worldwide audience;
- Maximizing the visibility and impact of these outputs as a result;
- Showcasing the institution to interested constituencies – prospective staff, prospective students and other stakeholders;
- Collecting and curetting digital output;
- Managing and measuring research and teaching activities;
- Providing a workspace for work-in-progress, and for collaborative or large-scale projects;
- Enabling and encouraging interdisciplinary approaches to research;
- Facilitating the development and sharing of digital teaching materials and aids, and

Library staff roles to support an IR

Primary function and regular work of library is collecting, processing and providing access to scholar. In the twenty-first century libraries should develop digital space from physical space and to make virtual environment. There is a big achievement in front of Academic libraries that they

must have to establish their own Institutional repository. IR contains staff deposits and updated research material and other information resources required to support a researcher in his research work. Historical work of library is being traditional and it continually developing as the flow of researchers requirements from library. Traditional library skills and works such as collecting, sorting, cataloguing and presenting information and information sources by easiest way. Libraries are always ready to provide high and immediate quality support to their users. These qualities and beauty of work utilized in the Institutional repository by the librarians with the help of their technical and managerial work skill. The most powerful work is to convey faculty and students to make their search and deposit the material published and selected by the authority. Researchers should contribute by depositing their scholar material, presentations in the institutional repository. For contribution of researcher in IR, library staff must use their polite and willingness nature.

Academic and reference librarians must use their marketing and instructional skills to establish digitization in library. To establish standard metadata, policies of preservation and authenticate collection and its development librarians should upgrade their communication skills. Team work is a well known quality of a librarian; by using this quality librarians can do work within a time. As per the great thought "every person is a student at the end of his life" Librarians continue to learn new and latest policies, skills and technologies as required by new generation. At the time of grabbing and implementing new and latest policies in library librarians should continued their oldest and useful policies with the help of other library staff. This is one more important and administrative skill of librarian. Librarian should always focus on budgeting also. There is one and very general complained by every librarian that each institution needs to upgrade their libraries with new policies and facilities but they avoid to appoint new professional staff for library because of budgeting.

There were many more workshops regarding IRs are arranged by many education society's with the help of expertise. All academic institutes and librarians should take the benefit of these workshops and seminars. It will help to upgrade the knowledge of librarian so they can create IRs without the help of any IT person. Librarian can work as a IT professional.

Practical work to increase faculty deposit in IR

There were many misunderstandings in the mind of faculty to publish research paper. As per the verbal and interview base survey of 20 faculty to the publishing research paper below observations are found. (Observations in percentage (%) by YES/NO type question)

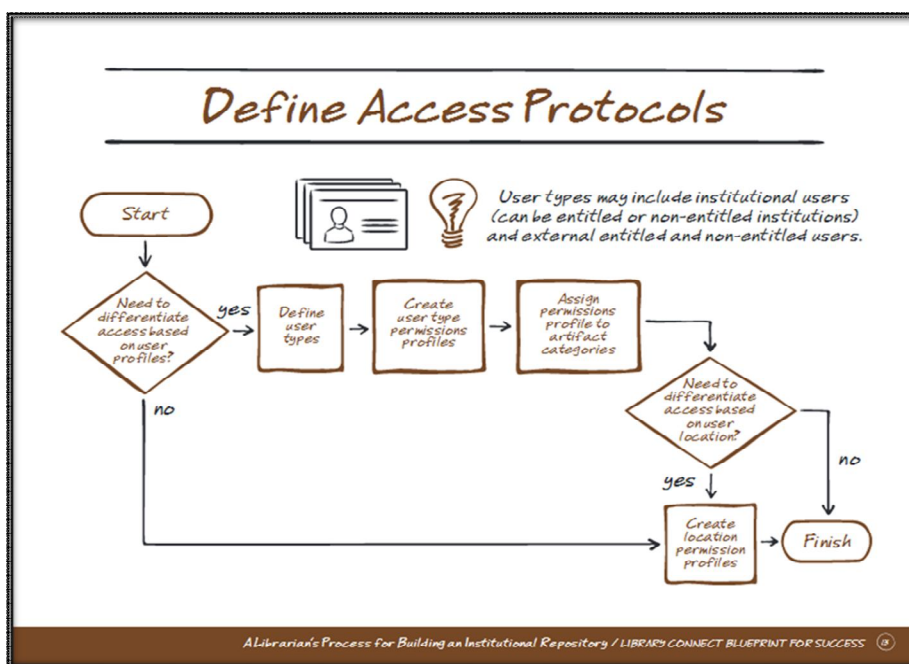| No. of faculty	Ques. 1 Have you know what is research paper?	Ques. 2 Are you aware that how to publish research paper?	Ques. 3 Are you known about impact factor and ISSN No. of any journal?	Ques. 4 Have you Published any research paper?
YES	100%	75%	50%	20%
NO	0%	25%	50%	80%

Before the workshop

To aware all faculty to write research paper and to know about very simple and authenticate method to publish research paper we have given a workshop to all faculty. After 2 months of taking workshop regarding research paper we have get following result.

No. of faculty	Ques. 1 Have you know what is research paper?	Ques. 2 Are you aware that how to publish research paper?	Ques. 3 Are you known about impact factor and ISSN No. of any journal?	Ques. 4 Have you Published any research paper?
YES	100%	90%	100%	80%
NO	0%	10%	0%	20%

After the 2 months of workshop

Connect users directly to the IR

Many easiest ways are available to connect library users and non users to the IR. Librarian can send emails to all students and staff regarding the IR is created on institutional basis. Users and non users of library can search the repositories by their own way like their mobiles or by using digital library they can directly access there institutional repository after registration. Librarian can display NOTICE regarding IR at min notice board, message to all by using institutional message software. All researchers need more information with one click so after getting the notice regarding IRs they can register to IR to grab more information by one platform. This is the digital way to increase library users by using IR. There is a pdf published by Elsevier regarding A Librarian's Process for Building an Institutional Repository to help to connect library users to the IR.

Conclusion

Librarians should change their traditional role and need to get IT base knowledge to make IRs. By collecting new and latest information and preserving at IR the role of librarian make strong in front of researcher. Librarian role as a teacher of teacher by arrange workshop to update knowledge of faculty. Scholars get more information by using one platform and institutional libraries will achieved their vision by increasing users with the help of IR.

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