



INSTITUTION REPOSITORY AN OVERVIEW

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ABSTRACT

Presently the institutional repository plays important role in development of information literacy in college level. The institutional repository includes digital materials by Academic, administrative and learning materials and publication outputs. Institutional repository hold better advantages for academic libraries, this paper examine the digital literacy, financial aspect, lack of ICT skills and copyright issues.

Keywords: *Institutional Repository, Academic Libraries, ICT, Copyright, IR Software's, Open access repositories.*

Introduction

Institutional repository may be define as information system that capturing, preserving and providing access to the intellectual output produce by the institutions.it manages and preserve relevant information items that otherwise would remain scattered, unattended or inaccessible. The main objective of repository is to create global visibility for the institutional research output to provide scholarly research of all the digitized documents likes photos, research articles, thesis and college magazines. The major components of the digital environment is Institutional by the librarians, information scientists, academicians and administrators to drive maximum tangible benefits for achieving excellence in their respective areas

Definitions of IR

Lynch Clifford (2003) "Institutional

Repository is a set of services that a university offers to the members of its community for the management and dissemination of digital materials created by the institution and community members"

"Wikipedia An institutional repository is an archive for collecting, preserving, and disseminating digital copies of the intellectual output of an institution, particularly a research institution."

"Foster and Gibbons (2004) defined institution repository as "an electronic system that captures preserves and provides access to the digital work products of a community."

"Raym Crow (2004) describe that as Institutional repository as a "Digital Archive of intellectual product created by the faculty, research staff and students of an institution and accessible to end users both within and outside

the institution, with few, if any barrier to access. The content is institutionally defined, scholarly, cumulative and perpetual, open and interoperable”

Institutional Repositories (IR):

An institution repository is a way of archives that collecting, preserving and disseminate the intellectual output of any institution. These archives include research articles, reports, institutional documents, photos, course notes, video lectures, e-learning tools, theses, and dissertations. It is online archive for the intellectual output of a particular institution for collecting, preserving and disseminating to the research community. It can be viewed as asset of services that institutions offer to members of the digitized materials; it provides open access to the institutions research output and may be varied from one another. Institutional repository have been established in academic and research Libraries. Institutional repository manage, Disseminate and preserve where appropriate digital materials created by the institution and its community members, they also organized and access these materials.

Objectives of Institutional Repositories

Following are the objectives of institutional repositories.

- To collect all information in a single place.
- To create awareness about IR.
- To provide open access for self-archiving.
- To determine awareness about IR software's and open access publishing
- To know the sources from where users are aware about IR Publishing.

- To find out strategies to develop and improve the IR Publishing
- To create global visibility for an institutions scholarly research
- To store and preserve others institutions digital assets

Characteristics

Gibbons identifies the five core features of an IR.

- It is institutionally defined- unlike a subject repository; the IR captures only the Intellectual output of host institution.
- Content may be purely scholarly, or many comprise administrative, teaching and research materials, both published and unpublished.
- It is cumulative and perpetual.
- It is open and interoperable
- It is collecting, storing and disseminating Information

Functions of IR

Gibbons identifies the Six Functions of an IR.

- Material Submission
- Metadata Application
- Access Control
- Discovery Support
- Distribution
- Preservation

Contents of IR

An institution Repository may contain a variety of materials may produce by the member of institute like...

- Research articles
- Conference papers
- Teaching materials
- Student projects
- Administrative Documents
- Video Lectures
- Photographs and video recording

Benefits of IR

- Knowledge that can be shared
- Opportunity to simplify and extend dissemination
- Leverage of existing investment in information and content management system
- Highlight the quality of intellectual capital
- Opportunity of new forms of scholarly communication
- Flexible way to develop existing scholarly communication.

D. Prosser (2003) highlights the benefits of Institutional repository as under:

- The institutional repository model provides a means for institutions to create archives and make available their wealth of knowledge. It allows individuals (scientists and researchers) to self-archive their own material.
- For the individuals the institutional repository acts as a central archive for their work, representing a CV that provides a complete list of their research over the years. Because it is open access, it increases the dissemination and impact of their work.
- For institutions it acts to preserve their intellectual wealth. It increases their visibility and prestige, and can act as an advertisement for funding sources and industrial sponsors.
- For society it provides access to the world's research and ensures the long term preservation of research.

Software for academic IR

There are many renowned open source software used to create repositories are E-prints, D-space, FEDORA, CDSware etc.

Following table shows the growth of IR in India

Name	Host Institution	URL	No. of Items	Types of Documents	Software Used
Greenstone Digital Library@ IITK	IIT Kanpur	www.cse.iitk.ac.in/gsd/cgi-bin/library	797	Theses, Dissertation and Project of CS	Greenstone
Eprint@du	Delhi University	http://eprints.du.ac.in	165	Articles, Research papers	Eprints
IITB@dspace	IIT Bombay	http://dspace.library.iitb.ac.in/dspace	14	Faculty Publication	Dspace

Digital Repository of DCE	Delhi College of Engineering	http://202.14.1.12.109/dspace/	321	Research papers, dissertation, thesis, articles, project reports	Dspace
Librarian's Digital Library (LDL)	Documentation Research & Training Centre (DRTC)	https://drtc.isibang.ac.in/	330	Research Papers, Articles, Reports, etc.	DSpace
Dspace at GBPUAT University	G.B. Pant University of Agriculture & Technology	http://202.14.1.116.205/dspace/	82	Research Papers, Articles, Reports, Thesis, etc.	DSpace
IIA Repository	Indian Institute of Astrophysics	http://prints.iiaap.res.in/	1386	Research Papers, Articles, Reports,	DSpace
EPrints@IITA	Indian Institute of Information, Allahabad	http://eprints.iiita.ac.in/	22	Research Papers, Articles,	EPrints
DSpace@IIMK	Indian Institute of Management, Kozhikode (IIMK)	http://dspace.iimk.ac.in/	227	Research Papers, Articles, Reports, etc.	DSpace
EPrints@IIMK	Indian Institute of	http://eprints.iimk.ac.in/	25	Research Papers,	Eprints
Digital Repository Service of NIO	National Institute of Oceanography	http://drs.nio.org/drs/	579	Journal articles, conference proceeding	DSpace
Dspace@NITR	National Institute of Technology, Rourkela	http://dspace.nitrkl.ac.in/dspace/	223	Theses, Research Papers, Articles, Reports, etc.	DSpace
Digital Repository of RRI	Raman Research Institute	http://dspace.rrri.res.in/	2230	Research Papers, Articles, Reports, Thesis, etc.	DSpace
Vidyanidhi	University of Mysore	http://www.vidyanidhi.org.in/	1835	Theses & Dissertations	DSpace

Conclusion

IR represent the logical coverage of faculty-driven self-archiving initiatives, library dissatisfaction with the monopolistic effects of the traditional and still pervasive journal publishing system and availability of digital networks and publishing technologies. Institutional repository create recognized infrastructure in the digital era. Its gives all related information is though open access. College institutional repository collect, store, manage and preserve all information and create institutional database of repository. By using above data institute offers services like CAS, SDI and Information Literacy.

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