

Digital Library Initiatives in India (Part I)

Interesting Fact

1. Kalasampada received the 'Golden Icon: Award for Exemplary Implementation for e-Governance Initiatives' under the category, Best Documented Knowledge and case study, given by India's Department of Administrative Reforms and Public Grievances in 2005.
2. Shodhganga Received the eIndia Jury Choice Award for Best ICT Enabled Higher Education Institute of the Year 2011
3. The National Mission for Manuscripts has taken the initiative to nominate Indian manuscripts for inclusion in UNESCO's **Memory of the World** register. Under this programme, UNESCO provides recognition to the most valuable documentary heritage of the world and facilitates its preservation and universal access to it.
4. Registry of Open Access Repositories supports is hosted at the University of Southampton, UK and is made possible by funding from the JISC. It supports OAI 2.0 with a base URL of <http://roar.eprints.org/cgi/oai2>

Glossary of Terms

NDLTD

The Networked Digital Library of Theses and Dissertations (NDLTD) is an international organization dedicated to promoting the adoption, creation, use, dissemination, and preservation of electronic theses and dissertations (ETDs). It supports institutions of higher education to develop their own ETD programs by adopting the submission, collection, and archiving of electronic theses and

dissertations to their own repositories and to international digital libraries and repositories.

NSDL

The National Science Digital Library provides high quality online educational resources for teaching and learning, with current emphasis on the sciences, technology, engineering, and mathematics (STEM) disciplines both formal and informal, institutional and individual, in local, state, national, and international educational settings.

OCR

Optical Character Recognition, or OCR, is a technology that enables to convert different types of documents, such as scanned paper documents, PDF files or images captured by a digital camera into editable and searchable data. It is a common method of digitizing printed texts so that they can be electronically edited, searched, stored more compactly, displayed on-line, and used in machine processes such as machine translation, text-to-speech, key data extraction and text mining.

Copyright

A form of legal protection given to the creators of "original works of authorship," including literary, dramatic, musical, and artistic works. It gives the author of an original creative work an exclusive right to reproduce (copy) or distribute the original work to the public, create new works based upon the original work, and perform or display the work publicly.

IPR

The term "Intellectual Property Rights" refers to the legal rights granted with the aim to protect the creations of the intellect. These rights include Industrial Property Rights (e.g. patents, industrial designs and trademarks) and Copyright (right of the author or creator) and Related Rights (rights of the performers, producers and broadcasting organisations).

Metadata

Metadata is data that describes other data. Metadata summarizes basic information about data, which can make finding and working with particular instances of data easier. For example, author, date created and date modified and file size are examples of very basic document metadata.

Manuscript

A typewritten or handwritten version of a book, an article, a document, or other work, especially the author's own copy, prepared and submitted for publication in print.

Sculptures

Sculpture is the branch of the visual arts that operates in three dimensions, and one of the plastic arts. Durable sculptural processes originally used carving (the removal of material) and modelling (the addition of material, as clay), in stone, metal, ceramics,

wood and other materials but, since modernism, shifts in sculptural process led to an almost complete freedom of materials and process.

IR

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

ROAR

ROAR is Registry of Open Access Repositories which promote the development of open access by providing timely information about the growth and status of repositories throughout the world. It was created by EPrints at University of Southampton in 2003.

OSS

Open-source software (OSS) is computer software with its source code made available and licensed with a license in which the copyright holder provides the rights to study, change and distribute the software to anyone and for any purpose

NOPR

NISCAIR's Online Periodicals Repository

OAI-PHM

The OAI-Protocol for Metadata Harvesting (OAI-PMH) defines a mechanism for harvesting records containing metadata from repositories. The OAI-PMH gives a simple technical option for data providers to make their metadata available to services, based on the open standards HTTP (Hypertext Transport Protocol) and XML (Extensible Markup Language).

Repository

A website that aims to collect, preserve and proffer electronically the intellectual output of a subject or organization without charge to the World