

site management of digital theses as part of the institutional repositories development in general. The redevelopment of the ADT metadata repository is an essential adjunct to similar institutional initiatives by providing efficient search services, metadata support services and open access to the world's research community."

Title: Effect of E-resources on Standards

Authors: Rajesh Chandrakar (INFLIBNET Centre)

Abstract: With the influence of the information and communication technology (ICT) into the library, different format of the library has come out from traditional to hybrid, electronic, digital and virtual. Further with the proliferation of the Internet, as well as related content and tools, technology is enabling the exponential growth of online resources. These resources includes pre-prints, including technical reports, tutorials, posters, and demonstrations from conferences; student project reports; tutorial; e-books; e-journals; e-articles; theses and dissertations; working papers; course ware; tool descriptions; programmes; algorithms; maps; movies; audio; video; images etc. These variety of obstacles highlight serious technical problems and affect to its wide spread use. Further more, access of scientific information, finding the appropriate information and dissemination channels for academicians and scientists caused alarm among policy makers and subject researchers in this area. Ironically, it forced them to think over the issues regarding how to preserve, manage, store, retrieve, archive, disseminate, interoperate, and serve to the users including the single question "How can we use technology to make things better in libraries?". Finally in the area of e-resources, research investigates the trends in ICT and library knowledge management (KM) practice to enhance the value of library services and improve the productivity of librarians and information seekers. And ultimately, the area of research deeply involves and exclusively relates to the standards and protocols for solving the problems and managing the challenging issues.

The author in this paper discusses the new technological changes developed as standards due to the rapidly changing digital environment in terms of e-resources.

Title: Using Acrobat 6.0 to Create High-Quality ETDs at Caltech

Authors: Betsy Coles, George Porter (California Institute of Technology)

Abstract: The Caltech Library has chosen PDF as the archival format for ETDs, because of the near-ubiquity of free reader software and the fact that PDF is an openly documented specification. PDF also leaves control of document appearance in the hands of the author, and allows integrated audio and video presentation. Caltech has a campus site license for Adobe Acrobat 6.0, which is the most sophisticated tool for creating high-quality PDF.