

## **BUILDING A SUSTAINABLE DIGITAL LIBRARY**

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### **ABSTRACT**

Information leads to knowledge and knowledge leads to wisdom. Every human activity requires knowledge to accomplish their daily task. The format for creation/storage of information has changed with the emergence of e-publishing. The information available in digital form should be preserved for future and for this the digital library has to be sustainable. The growth of digital libraries, rapidly changing technological and networking infrastructure threatens the sustainability of digital knowledge. This paper highlights designing of a sustainable digital library by providing methods to preserve the subscribed/purchased digital information, digitally created/converted information and library databases. The technological options to sustain the digital knowledge are discussed. “Green libraries” are the future libraries and preserving the knowledge contained by them by making the resource sustainable is the new goal of the modern libraries.

**KEYWORDS:** Digital Library, Institutional Repositories, Cloud Computing, Parallel Computing, Grid Computing, Maintenance Fees, Back- Up