Developing an Open Access Digital Repository (OADR) of Official and Government Publications of India (OGPI) as a knowledge platform for Indian citizens

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&

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We Discuss

INDIA – An Introduction
Official and Government Publications
OPEN ACCESS and Important ICT Initiatives in India
Need of the OADR of OGPI
Dspace and other softwares required
Development of OADR through Dspace & Conclusion
INDIA – An Introduction

• A Democratic Republic
• A Parliamentary system of Government
• More than 40 Ministries in the central government
• 29 States & 7 Union Territories
• 22 officially recognized languages
• A population of over 1.27 billion
• An area of more than 32.87 Lac sq. km.
• Literacy rate of over 74.04 per cent (2011)
• 243 million Internet users: June 2014 (IAMAI)
Internet users as percentage of population

Data from World Bank  Last updated: May 7, 2014
Almost half of mobile internet users in India are highly educated, while 26% belongs to Schools.
Approx 29% of the mobile internet user base in India belongs to the Student Category.

- Full time job: 33%
- Student: 29%
- Business: 13%
- Housewives: 2%
- Self Employed Professional: 10%
- Currently not working / Retired: 3%
- Part time job: 10%
Official and Government Publications of India (OGPI)

• Publications Division of Ministry of I & B publish Books and journals on History, Culture, economy and other current issues of national importance

• Published 7600 titles, out of which 1500 titles are live
Official and Government Publications of India (OGPI)

Journals and Magazines

• **Yojna** published in 13 Indian languages
  started with Volume no. 1 in 1957 and published regularly

• **Kurukshetra** published in Eng and Hindi
  started with Volume no 1 in 1952 and published regularly
Official and Government Publications of India (OGPI)

•印度: a Reference Annual
  more than 70000 copies print every year

•There are a number of other official publications published by the Publication Division

•Other important official publications includes: annual reports, committee and commission reports, statistical reports which are published by various Ministries and Departments of Government of India and state governments
OPEN ACCESS

Important ICT initiative in India

1. National Knowledge Commission (NKC)
2. National E-Governance Plan (NEGP)
3. National Portal of India (NPI)
4. Governance Knowledge Centre (GKC)
5. National Digital Library of India (NDLI)
Need of the OADR of OGPI

• Digital publications are available online, free of charge, and free of most copyright and licensing restrictions

• Limitations of print form of publications

• Publications of various ministries and departments

• Archived OGPI on a single platform OADR

• Information under RTI Act 2005

• Aim of National Knowledge Commission
Features of DSpace

- DSpace is an Open Source software, user friendly and customizable
- Capture and describe digital material
- Distribute an organization's digital assets over the web through search retrieval system
- Preserve digital assets for long term
- Full-text searching facility
- Licenses on different levels
- Accept all digital formats i.e. PDF, Word, JPEG, MPEG, TIFF files etc
Software for Development of OADR

Following Open Source Software have been used to Develop OADR through Dspace

- CentOS 6.5 Operating System
- JAVA jdk1.8.0_05
- Apache-maven-3.2.1
- Apache-ant-1.9.4
- Apache-tomcat-8.0.5
- PostgreSQL-9.3.4-3
- Dspace-4.1
Development of OADR

- Installation of pre-requisite software
- Installation of Dspace
- Execution of start and stop commands
- Login Administrator for OADR
- Create Community and Collection under Community
- Authorized users can upload documents from different locations
Home page of OADR of OGPI

DSpace JSPUI

DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets

Learn More

Digital Reository at Government Publications of India

DSpace is Live

Welcome to Open Access Digital Repository (OADR) of GOVERNMENT AND OFFICIAL PUBLICATIONS
Publications Division collection under OADR
Documents submitted at Publication Division
Search results for 'Fuel' at OADR

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Authors: Government of India
Keywords: Auto Fuel, Auto Fuel Policy
Issue Date: 1-May-2014
Publisher: Government of India, New Delhi.
URI: http://hdl.handle.net/123456789/19
Appears in Collections: Publication Division

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Conclusion

➢ There is a need to formulate an open access policy for official and government publications

➢ Proposed OADR is economical comparing to print publications

➢ Software expertise are available in India

➢ Strong search with multilingual facility in OADR

cont...
Effective implementation of RTI Act of India

Knowledge Platform for students, research scholars, academicians as well as for common Indian citizens

Single window for all government and official publications of India

Long term preservation of digital documents

OGPI is accessible to the masses through OADR
Thank you

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