



# Open Source Library Solutions

Ess Ess

*The Editors*

Aditya Tripathi

H. N. Prasad

Rajani Mishra

# CONTENTS

## *Preface*

- 1 Open Source Software @ DLIS-BHU 1  
*H. N. Prasad*  
*Aditya Tripathi*
- 2 Application of Open Source Software (OSS) in Development of Libraries and Information Centres 12  
*Ram Kumar Dangi*  
*Santosh Kumar*  
*Manoj Kumar Verma*
- 3 Open Source for Libraries and Research Community: Presenting the Case of GIST Find 28  
*Amit Jha*  
*Collin D'mello*  
*Preeti Chaturvedi*  
*Tarun Arora*
- 4 An Information Model for a University System Using Dspace 40  
*Sneha Tripathi*
- 5 Greenstone: Open-Source Digital Library Software 49  
*Rajendra Kumar Bharti*
- 6 Planning of Digital Library Using Open Source Software: Dspace 53  
*Vijay Kumar Bharati*  
*Sunil Kumar Gautam*

- (vi)
- 7 Developing Electronic Repository of Theses and Dissertations of Indian Universities Using GSDL 2.81  
*Rabindra Nath Mohanta*  
*Rajesh Kumar Mishra* 62
- 8 Comparative Evaluation of Open Source Digital Library Packages  
*Vinit Kumar* 71
- 9 Free and Open Source Software (FOSS) Solutions For Content Management in Libraries  
*Dimple Patel* 92
- 10 Organize and Disseminate Free Information Available in the Internet by Using Content Management Software Joomla  
*Sudip Ranjan Hatua* 114
- 11 Open Source Software and Koha  
*Rajani Mishra* 128
- 12 A Study of Open Source Software (Newgenlib) and Application of RFID Technology in Libraries  
*Satish Kumar Arya*  
*Radha Krishna Kishore Patnala* 134
- 13 Managing Leader and Control Fields of MARC21 Bibliographic Format in FLOSS Based LMSS: benchmarking of Koha and Newgenlib  
*Parthasarathi Mukhopadhyaya* 144
- 14 Pixels of Knowledge: an Open Source Enterprise Knowledge Management System  
*Anand Kumar Pandey*  
*Anila S.*  
*Aditya Kumar Rai* 166

*Contents*

- 15 Open Source Software (OSS) in Knowledge Management (vii)  
184  
*Shyam Sunder Pandey*  
*Garima Verma*
- 16 Use of Protégé in Building Ontology for Visual Arts: a Faceted Approach 197  
*Amrita Majumdar*
- 17 From Tacit to Explicit Knowledge Management in Context of Digital Environment 207  
*Bhaw Nath Pandey*
- 18 E Resources in Knowledge Management in Health Science Libraries in India 222  
*Rakesh Kumar Srivastava*
- 19 Dimensions of Knowledge Management and It's Application in Libraries in 21st Century 228  
*Rabinarayan Mishra*  
*Dr. Sanjeev*
- 20 Digital Preservation: an Overview 247  
*Rajkumar Singh*  
*Devendra Kumar*
- 21 Future of Open Source Library Solutions 259  
*Akhandanand Shukla*
- 22 Digital Information Awareness and Use of Internet Services by Faculty Members of Ch. Charan Singh University, Meerut, U.P., India: a Case Study 281  
*Krishna Kumar*  
*Devendra Kumar*

(viii)

23 Major Initiatives for the Education &  
Development of the Rural Communities  
in the 21st Century: Indian Perspective

300

*Nimai Chand Saha*  
*Ajay Kumar Sharm*  
*Kanika Debnath*