



Empowering Library Professionals to Empower Society -2



Proceedings of the
National Conference on
**Emerging Trends and Techniques for
Electronic Resource Management in Libraries:
Issues & Challenges**
2015

Edited by:
Bhojaraju Gunjal
Dibya Kishor Pradhan

Sub-Editors:
D. P. Tripathi
V. K. Mishra
P. Mishra

Organised by :
BIJU PATNAIK CENTRAL LIBRARY
NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA

In association with



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Prof. Sunil Kr. Sarangi, Director, NIT Rourkela

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Empowering Library Professionals to Empower Society (ELPES)
Series-2

Proceedings of the
National Conference on
Emerging Trends & Techniques for Electronic Resource Management in Libraries:
Issues & Challenges
February 13 -14, 2015

Organized by
Biju Patnaik Central Library
National Institute of Technology Rourkela,
Odisha - 769008, India

Edited by
Bhojaraju Gunjal
Dibya Kishor Pradhan

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P. Mishra



About ELPES :

"Empowering Library Professionals to Empower Society (ELPES)" is an initiative taken by Biju Patnaik Central Library for extending maximum co-operation and co-ordination among libraries & library professionals to strengthen and also to learn new trends and techniques in the field of Library & Information Science. The discussion started in the year 2013 while BPCL was about to conduct "National Workshop on Library Automation (Koha), Data Migration and Content Management System (Joomla): Challenges & Prospects". BPCL successfully conducted on May 2-5, 2014, the aforesaid workshop under the Series "Empowering Library Professionals to Empower Society-1 (ELPES-1)".

This conference is designed in continuation of the series with the title "National Conference on Emerging Trends & Techniques for Electronic Resource Management in Libraries: Issues & Challenges" under ELPES-2 with the same objectives.



About the Host :

Biju Patnaik Central Library (BPCL) is the central library of the National Institute of Technology Rourkela started functioning since 1965. The library caters to the educational and research needs of the academic community and its resources consulted by scholars from all over the country. Biju Patnaik, a great social reformer set up Regional Engineering College, Rourkela and the Central Library named after his name. At present, the library holds about 70,000+ books, 18,000+ back volumes of periodicals and subscribes more than 6000 online journals, 10,000 e-books, other databases. The BPCL also posses many ISI codes, educational video courses & cassettes and CD-ROM etc. The library is fully automated by using Libsys, Koha and RFID technologies for transactions & securities. Library has Institutional Repository, Thesis Repository for scholarly content of the institution by using e-prints, DSpace, Greenstone & other open source technologies. This library is also associated with non-profit project Open Access Odiya Books (OAOB) to digitize, archive and disseminate old, rare and new literary works written in Odiya language.

For more details refer <http://library.nitrkl.ac.in/>





राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
National Institute of Technology
Rourkela - 769 008

Prof. Sunil Kr. Sarangi, FNAE
Director

प्रो: सुनील कुमार षडंगी
निर्देशक



Director's Message

In this age of rapidly changing technologies, it is essential for all professionals to keep abreast of the latest developments, emerging trends & techniques in the area of electronic resource management in libraries. Certain issues and challenges faced in these areas need to be taken care of with proper solutions.

In this regard, the National Conference on Emerging Trends & Techniques for Electronic Resource Management in Libraries: Issues & Challenges provides an ideal platform to library professionals to share their knowledge and experiences. Also the various sub themes of the conference will offer the delegates many opportunities to learn new things and apply the same in their respective work places.

I am very happy and congratulate my colleagues in the Central Library for organizing the conference on a well thought issue pertinent to electronic resource management in libraries.

I welcome all external delegates to our campus and wish the conference a grand success.

Sunil Kr. Sarangi



राष्ट्रीय पुस्तकालय, भारत सरकार
बेलवेडियर, कोलकाता - 700 027
NATIONAL LIBRARY, GOVERNMENT OF INDIA
ALIPORE, BELVEDERE, KOLKATA - 700 027

DR.P.Y.RAJENDRA KUMAR
Director General

4th February 2015



MESSAGE

I am glad to know that, Central Library of NIT Rourkela, Odisha is organizing a National conference during 13-14th February, 2015 at NIT Rourkela.

The theme of the "Emerging Trends and Techniques for Electronics Resources Management in Libraries: issues & challenges" is extremely relevant and benefit the fraternity of librarians. Information Technology has changed the ways in which Information is created, processed, disseminated and utilized. This has certainly increased the efficiency and effectiveness of using knowledge for economic growth and development of the country.

This conference will provide an opportunity for the delegates and all Library and Information professionals to deliberate and discuss the latest developments in this field.

I congratulate and compliment the authorities of the Central Library of NIT on this occasion and convey my best wishes for the success of the National Conference.


(DR.P.Y.RAJENDRA KUMAR)



Government of India
Bhabha Atomic Research Centre
Knowledge Management Group
Scientific Information Resource Division



February 05, 2015

MESSAGE

I am happy to know that the Biju Patnaik Central Library, NIT, Rourkela, Odisha is organizing the National conference on 'Emerging Trends & Techniques for Electronic Resource Management in Libraries: Issues and Challenges' during 13-14 February, 2015 under the Series 'Empowering Library Professionals to Empower Society-2 (ELPES-2)'. The Conference provides an excellent platform to hold discussions and share new ideas in this important area of research. I am confident that the conference will benefit professionals working in various types of libraries, students and researchers alike in the field of Library & Information Science.

I congratulate the organizers for organizing this conference and my best wishes for the grand success of the conference.

I extend a warm welcome to all the delegates and speakers of the conference.

(Dr. B. S. Kademani,
Scientific Officer - G
Scientific Information Resource Division
Bhabha Atomic Research Centre,
Trombay, Mumbai-400 085.

Dr. J. K. Vijayakumar

Standing Committee on ACD,
International Federation for Library Associations & Institutions (IFLA).
Office Bearer on SIG-III,
American Society for Information Science and Technology (ASIST)

Library Collections & Information Services Manager
King Abdullah University of Science & Technology
Saudi Arabia.
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MESSAGE

Transformation and rejuvenation of librarianship and libraries are happening around the world, and this has become an essential change in any knowledge based societies. Technologically empowered users looking for seamless and sustainable access to resources, and our libraries need to gear up proactively to satisfy their information and technology needs. 21st century learning is moving from teacher centric to learner centric, same way libraries slowly shifting to user centric from librarian centric. A recent report from American Library Association (ALA) on "Transforming Libraries" states that "the transformed library focuses on customer service, and attempts to understand the customer experience and how it can be improved". Understanding recent trends in library technologies and user behaviors are major factors to have a successful library and information service in any organization or society.

I am glad that ELPES-2 is concentrating on these areas, going to have case studies, discussions and reports to shape some future directions. I congratulate Dr. Bhojaraju Gunjal, the Head Librarian at N.I.T, Rourkela and his team for taking initiative in this direction and organizing thoughtful dialogues and deliberations. I wish all the success to this conference and delegates.

Dr. J. K. Vijayakumar

Prof. Krushna C. Panda,

M.A., LL.B., MLISc.(Gold Medal), Ph.D.,

(Former US Fulbright Fellow)

Former Professor, Head, Chairperson (BoS) & Dean

P.G. Dept. of Library & Information Sc.

Sambalpur University, Odisha.

E-Mail: krushna52@yahoo.co.in



MESSAGE

I am extremely glad to know that, the Biju Patnaik Central Library (BPCL) of National Institute of Technology (NIT), Rourkela is organizing the “National Conference on “Emerging Trends & Techniques for Electronic Resource Management in Libraries: Issues & Challenges” on February 13-14, 2015 in collaboration with SLA-Asia and SLP.

I earnestly trust that, this conference will provide an effective platform for the practicing Librarians and Information Scientists including LIS researchers to share their experience and to discuss the issues and challenges concerning with the Electronic Resource Management (ERM) of contemporary libraries and information centers. I have, therefore, the strong conviction that, the deliberations of the conference would be of immense help to contemporary library managers and planners to reshape the collection and management of E-resources of their respective libraries with a fresh and vibrant look so as to make their e-resources more meaningful and clientele-friendly.

May the conference be enriching, fruitful and memorable. I wish the conference a success.

Sincerely Yours,

Prof. K.C.Panda



SIKSHA 'O' ANUSANDHAN UNIVERSITY

(A Deemed University Declared U/S 3 of the UGC Act, 1956)

Accredited by NAAC of UGC with 'A' Grade



6th February 2015

From:

Dr. D. B. Ramesh

Fulbright Scholar (UC, Davis & CMU, Pittsburgh, USA, 1992-93);

British Council Visitorship, London, UK (1993);

Society for Information Science (SIS) Fellow (1996)

Chief Librarian

Siksha 'O' Anusandhan University

Bhubaneswar, Odisha, India

(Formerly - Head, Library, CSIR-IMMT, Bhubaneswar)



MESSAGE

It gives me great pleasure to know that National Institute of Technology (NIT), Rourkela, Odisha is organizing a "National Conference on Emerging Trends and Techniques for Electronic Resource Management in Libraries: Issues & Challenge" at NIT, Rourkela on 13th and 14th February 2015.

I appreciate the efforts of Biju Patnaik Central Library, NIT, Rourkela to bring the Library and Information Science professionals in one single platform to share the knowledge and expertise in the field of E-Resources Management.

I am sure the deliberations and recommendations of this Conference will bring clarity in E-Resources acquisition, providing access, administration, support, evaluation and monitoring them.

I extend my hearty warm greetings to the participants and wish the Conference all success.

(Dr. D. B. Ramesh)



राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
National Institute of Technology
Rourkela - 769 008

Prof. B. K. Pal
Chairman and PIC, BPCL



Chairman's Message

We are happy to convey that, the Biju Patnaik Central Library of National Institute of Technology, Rourkela is organizing the "National Conference on Emerging Trends & Techniques for Electronic Resource Management in Libraries: Issues & Challenges" on February 13-14, 2015 in collaboration with SLA-Asia and SLP.

I earnestly trust that this conference will provides a common platform for library and information professionals and related field to discuss the issue and challenges concerning with (ERM) in libraries. I believe that this conference will be beneficial for library professionals.

May the conference be enriching, fruitful and memorable

Prof. B. K Pal



राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
National Institute of Technology
Rourkela - 769 008



Dr. Bhojaraju Gunjal
Organising Secretary-ELPES-2015

Organizing Secretary's Message

It is my proud privilege and honour to invite all of you to the National Conference on Emerging Trends and Techniques for Electronic Resource Management in Libraries: Issues and Challenges. This is the second event under the series - Empowering Library Professional to Empower Society (ELPES).

I am glad that this conference will be held at National Institute of Technology Rourkela. The conference aims to provide a platform for all library and information professionals for debating the emerging trends and technologies in Electronic Resource Management(ERM) arena. The conference also held in discussing various issues and challenges faced by the library professionals and attempt to provide the probable solutions to adopt in their workplaces.

The theme of the ELPES-2015 conference covers various perspectives of ERM. The distinguished speakers and participants to bring the knowledge based on their experiences. I hope the conference will see eminent researchers, academicians, library practitioners and thought leaders engaged in debates and deliberations in the form of keynote addresses and special theme presentations on ERM.

I take this opportunity to thank Prof. Sunil Kumar Sarangi, Director, NIT Rourkela for his advice, support and encouragement. I thank Prof. B.K. Pal, Chairman and PIC Library for his valuable support. I extend my thanks to all invited speakers, organizing committee, conference sponsors and supporters for their excellent assistance and invaluable contributions to the success of ELPES-2015 conference.

I wish you all enjoyable and pleasant stay in Rourkela.

I wish a grand success to the conference

Bhojaraju Gunjal



राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
National Institute of Technology
Rourkela - 769 008

Dibya Kishor Pradhan
Convener, ELPES-2015



Foreword

It gives us immense pleasure to present the proceedings of ELPES-2015 held during February 13-14, 2015 at the Biju Patnaik Central Library, National Institute of Technology Rourkela. We have received around fifty contribution in terms of research papers and best practices from national and international level. We followed a rigorous review process with the help of conference review committee and selected best papers for presentation. We would like to thank the reviewers for their fair assessment in short time.

We were delighted that Dr. P Y Rajendra Kumar, Director General National Library of India, Kolkata agreed to be the Chief Guest and invited keynote speaker for this conference. We also appreciate Dr. D B Ramesh, Dr. N C Ghosh, Prof. S K Patra, Dr. B Maharana, Dr. P K Sa and Dr. N K Patra for their kind gesture to be the keynote speakers. We would like to express our gratitude for our Honorable Director Prof. Sunil Kr Sarangi for his kind support. We would like to thank the Chairman Prof. B K Pal, Organizing Secretary Dr. Bhojaraju Gunjal and Co-conveners Mrs. P Mishra and Mr. D P Tripathi, Treasurer Mr. V K Mishra for their advice and for being prime motivators. We also like to specially thank other members Mr. Kapil K Gupta, Mr. K Das, Mr. S Sahu and other library staff for developing the layout of the program and in managing such a conference.

We sincerely appreciate and thank SLA-Asia Chapter and SLIP for their association with this conference. The financial assistance received from Springer, Thomson Reuters, Elsevier, Wiley, Sage, Rapid Radio, Royal Society of Chemistry, Balani InfoTech, GIST and Emerald for this conference is gratefully acknowledged. We thank our communication partner Orizin Technologies for active cooperation. We would like to express our sincere gratitude to all individuals who contributed to the success of this conference. We specifically thank all authors and organizing members who helped in bringing out this proceedings. Without your support the conference would not be success.

Dibia Ki. Pradhan

Empowering Library Professionals to Empower Society (ELPES) – Series -2

National Conference on
Emerging Trends & Techniques for Electronic Resource Management in Libraries:
Issues & Challenges
February 13 -14, 2015

Organised by
Biju Patnaik Central Library
National Institute of Technology Rourkela, Odisha

Programme Schedule

<p>February 12, 2015 (Thursday)</p> <p>5:00 pm – 08:00 pm - Registration can be done at Biju Patnaik Central Library.</p>	
<p>DAY 1 : February 13, 2015 (Friday)</p>	
08:30 am – 10:00 am	Registration and Distribution of Conference Kit
10:00 am – 10:30 am	Inaugural Ceremony
	Group Photograph
10:30 am – 10:40 am	High-Tea
Session – 1	Electronic Resource Acquisition and Implementation
10:40 am – 11:00 am	Keynote Presentation Dr. P.Y.Rajendra Kumar
11:00 am – 12:00 pm	Collection Development of E-resources: A case study of National Library of India Partha Sarathi Das, Assistant Library & Information Officer Ms. Smitanjali Panda, LIA, National Library of India, Kolkata
	Acquisition and collection development policy for electronic resources: Issues and challenges Ms. Puspita Mishra, AL, NIT Rourkela, Odisha
	The Role of Licensing in Electronic Resource Management (ERM): an overview Suchismita Dash, NISER, BBSR, Odisha

	<p>Best Practices with NAAC in University College of Science Library of Tumkur University, Karnataka: An Overview Rajalaxmi, A Govanakoppa, AL, UCS, Tumkur University, Tumkur, Karnataka. Kumara, B., AL, University Library, Tumkur University, Tumkur, Karnataka.</p>
	<p>Effective Information Literacy Program in VIIT Library for better Utilization of Library Resources Swati Jamkar, Librarian, VIIT Dr. Hindurao S. Waydande, DL & Liaison Officer for IIT Bombay.</p>
	<p>Collection Development and Services of Private Engineering College Libraries of Howrah District, West Bengal Madhuparna Mukherjee, & Dr. Subarna K. Das, DLIS, Jadavpur University, Kolkata</p>
	<p>E-resource Management in Central Library at NIT Rourkela : A Case Study Dibya K. Pradhan & Dr. Bhojaraju Gunjal, NIT Rourkela, Odisha</p>
	<p>Best Practices In Central Library, Central University Of Karnataka, Kalaburagi: A Study Dr. P. S. Kattimani, DL, Central University of Karnataka, Karnataka. Suman Muddapur, Librarian, SRFGCC, Belgaum, Karnataka</p>
	<p>E- Resources and its Types Mr. Satyabrata Garanayak & Mr. Santosh Kumar Bharati MLIS Student, DLIS, Babasaheb Bhimrao Ambedkar University, Lucknow, UP,</p>
	<p>E-Resources of Central Library at Central University of Bihar Patna Campus: A Case Study Md. Arshad Ali, JPA, Central Library, University of Bihar Asheesh Kamal, AL, School of Planning and Architecture</p>
12:00 pm – 12:15 pm	Product Presentations : Springer
Session - 2	Effective Searching and Discovery
12:15 pm – 12:30 pm	<p>Keynote Presentation: E-Resource Management – Some Strategies Dr. D. B. Ramesh</p>
12:30 pm– 12:45 pm	<p>Dubai Electricity & Water Authority (DEWA)'s Smart Library: A case study on customized electronic library for Government Authority Renukaradhya N. Shivanna, Dubai Electricity & Water Authority</p>
	<p>Essential skills for searching information from electronic resources in the college libraries: A survey Dr. Mahantesh Ajagond & Mrs. Sarita Wadekar ICLES' Motilal Jhunjhunwala College, Vashi, Navi Mumbai, MH</p>

	Use of Federated Search in Libraries for Effective Information Retrieval Anupama Meher, Library Professional Trainee at NIT, Rourkela
	Preservation, conservation and Restoration of Library Material Dr. Gurdev Singh, Librarian, Sri GGSC of Commerce, Uni. of Delhi Monika Sharma, Research Scholar, NIMS University, Rajasthan
	Electronic Resource Management Systems For Libraries C. Krishnamurthy & M Angadi, DLISc, Karnatak University, Dharwad
12:45 pm – 1:00 pm	Product Presentations : Royal Society of Chemistry
1:00 pm – 2:00 pm	Lunch Break Venue: Next to SAC building
Session - 3	E-resources Organizational Strategies
2:00 pm – 2:30 pm	Keynote Presentation: ERM in Libraries - Progressive Trend Dr. N. Patra, NIFTEM, New Delhi
2:30 pm – 3:30 pm	Library Consortia: Need and Importance Dr. Sambhaji G Patil, Librarian, MET's Institute of Engg, Nashik, MH Mr. Sachin Jayawantrao Gadekar, JLA, Dr. BAM Uni., Aurangabad
	ERM: A Strategic Management Technique Bankapur. V. M. Associate Professor, DLISc, RCUB
	Consortia Is A Boon To Libraries: A Study Of Indian Initiative Md Muzaffar Iqbal, Librarian, Vikash COE. for Women, Bargarh Srikanta Sahu, Technical Assistant , NIT, Rourkela, Odisha; Ajay Kumar Sahu, T A (Library), NSHM Knowledge Campus, Kolkata.
	Library 3.0: dynamic web 3.0 applications for libraries Mohd. Tasvirul Islam, Librarian, KVS, New Delhi Jai P. Singh & Dr. Krishna Kumar Kesharwani, AL, Dr. B.R.A. Uni, Agra
	Knowledge management in the academic libraries Mallikarjun V, Librarian, PDA College of Engg. Gulbarga Karnataka
3:30 pm – 3:45 pm	Products Presentation: Thomson Reuters and Sage
3:45 pm – 4:00 pm	Tea Break
4:00 pm – 8.00 pm	Site seeing: Visit to Ved Vyas and Hanuman Vatika
8:00 pm – 9:00 pm	Dinner Venue: Next to SAC building

DAY 2: February 14, 2015 (Saturday)	
8:00 am – 9:00 am	Breakfast Venue: Next to SAC building
Session - 4	Evaluation and Review of e-resources
9:00 am – 9:20 am	Keynote Presentation: Information retrieval on the World Wide Web Dr. Bulu Maharana
9:20 am – 10:25 am	Use of e-resource by university faculty member of Chhattisgarh, India: a study Dr Sunil Kumar Satpathy, Deputy Librarian, NIT Raipur, C.G. Dr. S. R. Kashyap, Sr. Asst. Professor, SOS in LISc, PTRS University, Raipur
	SWOT Analysis of Electronic Library Resources Vijayakumar M, & Debojyoti Nath, Central Library, BIT, Mesra, Ranchi P Mishra & Saket Kumar, Manager, Tata Steel, Jamshedpur
	Awareness, Access and usage of e-journals among research scholars of NIT Rourkela SK Abdul Gaffar, Library trainee Dr.Bhojaraju Gunjal, Head, BPCL, NIT Rourkela
	Use of E-Learning Resources in Engineering College Libraries affiliated JNTU-Kakinada Dr. T. Venkata Rao, Librarian, GMRIT, Rajam, Srikakulam Prof. K. Somasekhara Rao, Professor, DLISc. Andhra Uni, Visakhapatnam
	E-Resources in Special Libraries of South Assam: Awareness and User's Satisfaction Sudip Bhattacharjee, Guest Faculty, DLISc, Assam University, Assam
	Best Practices with NAAC in University College of Science Library of Tumkur University, Karnataka: An Overview Rajalaxmi, A Govanakoppa, AL, USC, Tumkur University, Tumkur, Karnataka Kumara, B, AL, University Library, Tumkur University, Karnataka
	Electronic resource services in libraries: an overview Basanta Kumar Das, IGNOU Regional Centre, Ranchi. Dr. R. K. Mahapatra, Principal & Head, CLISc., SMIIT, Berhampur

	Usage of Electronic Information resources in Institute of Science Poona's Institute of Business Management & Research, Pune, Santosh V. Dagade, Librarian, Inst. of Bus. Mangt. & Research Pune
10:25 am – 10:45 am	Products Presentation : Wiley and Elsevier
10:45 am – 11:00 am	Tea Break
Session - 5	Scholarly communication
11:00 am – 11:20 am	Keynote presentation: Role of Open Access Scholarly Comm. to achieve Digital Equality Dr.Barnali Roy Choudhury
11:20 am – 12:30 pm	Citation Management tools: a useful web gizmo for managing academic references Dr.Mahendra K. Sahu, Librarian, GIMS, GGI, Gunupur
	Mendeley, RefWorks and .CSV file format: a Comparative Analysis of Citation Management Tools Kshirod Das, STA, BPCL, NIT Rourkela, Dr. R. K. Mahapatra, Principal, CLIS, SMIT, Ganjam Odisha
	DRM in Digital era: an Overview Malatee Padhan, AWDI, Bastia Memorial Trust, Rourkela. Roji Barik, BPCL, NIT, Rourkela.
	Citations Management in Scholarly Communication with Mendeley to Avoid Plagiarism Arpita Basu, AL, Narula Institute of Technology, Kolkata. Joydip Chandra, Librarian, BRS College, Kolkata
	Factors of Academic Plagiarism In The Information Era: Issues And Challenges Jayashree Majhi & Prameeta Sharma, Library Trainee, NITR
	Open access online e-resources in library and information science Mr. Kundan Jha, HJ Library, High Court of Chhattisgarh, Bilaspur Ms. Tejaswini Gupta, & Dr. Nidhi Gupta, AP, DLISc, CVR Uni., Bilaspur
	Open Access Journals and Scholarly Comm. of Digital Contents in Indian Perspective Dr. Subarna K. Das, Associate Professor, & Narendra Bhattacharya Research Scholar, DLISc., Jadavpur University, Kolkata
	Relevance & Role of Librarians in age of Web 2.0 A K Sharma, Librarian, Assam University, Silchar, Assam
12:30 pm – 12:45 pm	Keynote presentation: ERM System Implementation: Issues and Challenges Dr. N. C. Ghosh

12:45 pm – 1:00 pm	Products Presentation : Rapid Radio
1:00 pm – 2:00 pm	Lunch Break Venue: Next to SAC building
Session - 6	Emerging Technologies and Trends
2:00 pm – 2:20 pm	Keynote Presentation Dr. Pankaj Sa, Professor, NIT Rourkela, Odisha
2:20 pm – 2:50 pm	Library services through mobile technologies: Some Issues and Challenges Shiba Bhue, Librarian, Kendriya Vidyala INS Chilka, Odisha. Nabakumar Bhoi, AL, RGU of Knowledge Technologies-Nuzvid, AP.
	Mobile Technology: A Vital Information Dissemination Tools in Academic Libraries Srikanta Sahu, Technical Assistant (Library), NIT, Rourkela, Odisha. Premananda Bhoi, Librarian, SITE, Bhubaneswar, Odisha
	Management of Journals through KOHA Open Source Software: an Overview Asheesh Kamal, School of Planning and Architecture, Vijayawada
	Discovering e-resources and services with the use of mobile technology in libraries Alekhya Karadia, Library Trainee, NIT Rourkela, Odisha Arabinda Kumar Seth, Sambalpur University, Odisha
2:50 pm – 3:00 pm	Products Presentation : Balani Infotech
Session - 7	Challenges & Issues related to ERM
3:00 pm – 3:20 pm	Keynote Presentation: Prof.S.K.Patra, Professor, NIT Rourkela, Odisha
3:20 pm – 4:00 pm	Impact of electronic resource management system in academic libraries Dr. K. K. Kesharwani, AL, Central Library, Dr. Bhim Rao Ambedkar University, Agra (U.P.), Dr. Pradeep K. Trivedi, Librarian, PG College, Barghat, Seoni & Prabhat S. Thakur, Librarian, BTIRT Sagar
	Digital Marketing Services of Academic Library Challenges Faced by Librarians: A Study Prasanna Kumar H. E. & Others, Sri. JCBM College, Sringeri
	Knowledge and Access of ICT on Information among the Students of Management Study Colleges in Chennai, Tamil Nadu, India A. Saleem, Shabana Tabusum. S. Z., Dr. M. Sadik Batcha

	<p>Changing Role of Librarians In Digital Environments and Digital Libraries Chavan, Chandrakant, Librarian, Deputy Manager & Hase, Vishwas, AL, KCTI, Bharat Forge Ltd., Pune</p>
	<p>Tools and Techniques of E-Learning P. Suresh Kumar, Librarian, Chaitanya Engg. College, Visakhapatnam</p>
	<p>Changing Role of Librarians In Digital Environments and Digital Libraries Chavan, Chandrakant, Librarian, Deputy Manager & Hase, Vishwas, AL, KCTI, Bharat Forge Ltd., Pune</p>
	<p>Tools and Techniques of E-Learning P. Suresh Kumar, Librarian, Chaitanya Engg. College, Visakhapatnam</p>
4:00 pm – 4:10 pm	Products Presentation : GIST
Panel Discussion	ERM: Issues and challenges
4:10 pm – 4:40pm	E-resources Management: Issues and challenges, Usage of e-Resources, Consortium etc. Panelists: To be decided
4:45pm – 5:00 pm	Valedictory Ceremony
5:00 pm – 5:15 pm	Distribution of Certification

Table of Contents

Title of the Paper	Author(s) Name	Page No.
Collection Development of E-resources: A case study of National Library of India	ParthaSarathi Das Ms. Smitanjali Panda	1
Dubai Electricity & Water Authority (DEWA)'s Smart Library: A case study on customized electronic library for Government Authority	RenukaradhyaN. Shivanna	2
Library3.0: Dynamic Web3.0 Applications for Libraries	Mohd Tasvirul Islam Jai Prakash Singh Dr. Krishna Kumar Kesharwani	3
From Library User Education to Information Literacy	Jitendra Ahirwar	4
Impact of Electronic Resource Management System in Academic Libraries	Dr. Krishna Kumar Kesharwani Dr. Pradeep Kumar Trivedi Prabhat Singh Thakur	5
Management of Electronic Resources in Engineering College Libraries	Prof. K. Somasekhara Rao Dr. N. Venkata Rao	6
Management of Journals through KOHA Open Source Software: an Overview	Asheesh Kamal	7
Mendeley, RefWorks and. CSV file format: a Comparative Analysis of Citation Management Tools	Kshirod Das Dr. R. K. Mahapatra	8
Preservation, conservation and Restoration of Library Material	Dr. Gurdev Singh Ms. Monika Sharma	9
Relevance & Role of Librarians in age of Web 2.0	A. K. Sharma	10
SWOT Analysis of Electronic Library Resources	Vijayakumar M DebojyotiNath Premraj Mishra Saket Kumar	11
Tools and Techniques of E-learning	Mr. P. Suresh Kumar	12

Use of E-Learning Resources in Engineering College Libraries affiliated JNTU-Kakinada	Prof. K. Somasekhara Rao Dr. T.Venkata	13
Citations Management in Scholarly Communication with Mendeley to Avoid Plagiarism	Arpita Basu Joydip Chandra	14
Use of E-resource by University Faculty Member of Chhattisgarh, India: A Study	Dr Sunil Kumar Satpathy Dr. S. R. Kashyap	15
Knowledge Management in the Academic Libraries	Dr. Mallikarjun Vaddenkeri	16
Essential skills for searching information from electronic resources in the college libraries: A survey	Dr. Mahantesh Ajagond Mrs. Sarita Wadekar	17
Effective Information Literacy Program in VIIT Library for better Utilization of Library Resources	Swati Jamkar Dr. Hindurao S. Waydande	18
Open Access Online E-resources in Library and Information Science	Mr. Kundan Jha Ms. Tejaswini Gupta Dr. Nidhi Gupta	19
The Role of Licensing in Electronic Resource Management (ERM): An overview	Suchismita Dash	20
ERM: A Strategic Management Technique	Bankapur. V. M.	21
Library Consortia: Need and Importance	Dr. Sambhaji G Patil Mr. Sachin Jayawantrao Gadekar	22
Acquisition and collection development policy for electronic resources: Issues and challenges	Puspita Mishra	23
Digital Marketing Services of Academic Library Challenges faced by Librarians: A Study	Prasanna Kumar H E Dr. F G Patil Karunakaran N Prabhakar S	24
Mobile Technology in Libraries for discovering E-resources and Services	Alekha Karadia Arabinda Kumar Seth Mr. Dibya Kishor Pradhan	25

Awareness, Access and usage of e-journals among research scholars of NIT Rourkela: A Survey	Sk Abdul Gaffar Dr. Bhojaraju Gunjal	26
Mobile Technology: A Vital Information Dissemination Tools in Academic Libraries	Srikanta Sahu Premananda Bhoi Ghazala Firdous	27
Open Access Journals and Scholarly Communications of Digital Contents in Indian Perspective	Dr. Subarna K. Das Narendra Bhattacharya	28
Citation Management tools: A useful web gizmo for managing academic references	Dr. Mahendra K Sahu	29
E- Resources and its Types	Mr. Satyabrata Garanayak Mr. Santosh Kumar Bharati	30
Electronic Resource Services in Libraries: An overview	Basanta Kumar Das Dr. R. K. Mahapatra	31
E-Resources of Central Library at Central University of Bihar Patna Campus: A Case Study	Md. Arshad Ali Asheesh Kamal	32
Knowledge and Access of ICT on information among the students of Management Study Colleges in Chennai, Tamil Nadu, India	A. Saleem Shabana Tabusum. S. Z Dr. M. Sadik Batcha	33
Library services through Mobile Technologies: Some Issues and Challenges	Shiba Bhue Naba kumar Bhoi	34
Electronic Resources: Scope and Challenges in Academic Libraries	Archana Saxena Dr. T. N. Dubey	35
Collection Development and Services of Private Engineering College Libraries of Howrah District, West Bengal	Madhuparna Mukherjee Dr. Subarna Kumar Das	36
Use of Federated Search in libraries for effective Information Retrieval	Anupama Meher	37
DRM in Digital era: An overview	Malatee Padhan Roji Barik	38

Consortia is a boon to libraries: A Study of Indian Initiative	Md Muzaffar Iqbal Srikanta Sahu Ajay Kumar Sahu	39
Factors of academic plagiarism in the information era: Issues and Challenges	Jayashree Majhi Prameeta Sharma	40
Changing role of librarians in digital environments and digital libraries	Chavan, Chandrakant Hase, Vishwas	41
Electronic Resource Management Systems for libraries	C. Krishnamurthy and Manjunath Angadi	42
Best Practices with NAAC in University College of Science Library of Tumkur University, Karnataka: An Overview	Rajalaxmi A Govanakoppa Kumara B	43
Smart Systems at DEWA's Knowledge Centres	Renukaradhya N. Shivanna	44
E-Resources in Special Libraries of South Assam: Awareness and User's Satisfaction	Mr. Sudip Bhattacharjee	45
Best Practices in Central Library, Central University of Karnataka, Kalaburagi: A Study	Dr. P. S. Kattimani Suman Muddapur	46
E-Resource Management in Central Library of NIT Rourkela: A Case Study	Dibya Kishor Pradhan Bhojaraju Gunjal	47
Usage of Electronic Information resources in Institute of Science Poona's Institute of Business Management & Research, Pune, Maharashtra	Prof. Santosh V. Dagade	48

Abstracts
from the
Keynote Speakers

Cultivation and Utilisation of E-Resources – Some Strategies

Dr. D. B. Ramesh

Abstract

Electronic Resources (ER) refer to those materials that require computer access, whether through a personal computer, mainframe, or handheld mobile device. They may either be accessed remotely via the Internet or locally. The E-Resources Management (ERM) activities start with acquisition, providing access, administration, support, evaluation and monitoring them. This paper focuses mainly on the strategies that are needed for cultivation and utilisation of e-resources for achieving the following goals:

- To enhance the user experience and increase usage;
- To accelerate the development of e-resources;
- To support teaching, learning, research, innovation and administration;
- To collaborate in widening participation and access initiatives;
- To manage library information resources effectively;
- Visibility of library in the organization
- Users Education about E-resources
- Building user trust, and relationships

Service to all Library users is at the core of the Library Strategy. Below mentioned are some strategies required for E-Resources Management are also discussed in the paper:

- Awareness Services
- Analytical Services
- Organizing Campaigns
- Channels for Delivering Awareness Programs
- Liaison with Faculty
- Overcome barriers to access and use
- Library Promotional Efforts
- Impact of e-resources
- Promotion and Utilisation
- Essential Skills required
- Guiding Principles
- Some Challenges

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"Library as a service in Digital Era" – Preparing academic campuses
in Indian scenario

Sarat Kumar Patra

Abstract

Library services constitute a very important resource in education and research. Very often, a visit to the library provides some insight to the academic and scholastic achievement of a university/ organization. In the last millennium library resources were local in nature where all the resources were physically inside the library. Advances in information and communication technology (ICT), has made the libraries virtual, where resources available in cyberspace exceed the physical resources. Current technology has permitted libraries to deliver resources on demand on a 24X7 basis. Delivering these services requires a strong hardware, software integration coupled with network, server and storage management. This paper presents an introduction to IT services required for a modern library system consisting of networking, wireless networking, servers, data storage, virtualization, software, cloud services. Networking is the most vital for providing library services. Current demands in use of tablet devices, smart phone have enhanced the demand for wireless access with respectable data rate. Designing good network with controlled user access is a major challenge. Providing organizational research output to outside world provides an opportunity for showcasing research output. Enabling these services require servers, storage and cloud services. A good hardware and software integration has a potential to provide enhanced user satisfaction and good resource utilization. Massive research in e-learning, e-book, e-journal, MOOC will make library services virtual in the years to come.

Electronic Resource Management Systems implementation:
Issues and Challenges

N C Ghosh

Abstract

Exponential growth in electronic resources, involvement of huge amount of budgets, continuous changing subscription/acquisition models, life-cycle of e-resources, license & access information, cost analysis, usage statistics, involvement of various stakeholders like publishers, interface providers, subscription agencies, and so on are the different issues concerned in managing e-resources in a library or consortium of libraries. The major challenges are the lack of efficient automated tools to deal with the complex nature of e-resources for effective use and its management. Librarians are lost in e-mails, spread sheets, wikis, rss feeds etc to put some control over their e-collections. Traditional library management software are not capable enough to play with the multifaceted activities of electronic resource management. Therefore there is no doubt that in present scenario the libraries require an efficient integrated ERM system for managing electronic resources as well as analysing various decision making factors. Efficient ERM systems are not yet as tested widely as library management software. ERM system should be compatible with current and emerging standards like DLF ERMI. Moreover an ERM system should be a tool for librarians and interface to the end users.

Bibliographic Content Management System: A Case Study

Pankaj K. Sa

Abstract

Dissemination of research is as important as research, especially today, where sharing of information is always at the fingertip through the use of internet. A number of state-of-art research dissemination software systems or archiving systems are available on the web. DSpace, eprints are to name a few. These open source systems are well established and have been delivering flawless service worldwide to the academic community for more than a decade.

With a teacher strength of about 300 and student strength of about 5000, NIT Rourkela has been imbued with research. The central library of the institute has also been constantly upgrading itself to meet the demand of the researchers. We have also been using the open source systems for the last couple of years to disseminate the works of our teachers and students. However, these systems are difficult to integrate with our Institute automation system that has a separate database. Further, it is hard to map an author of a publication available in DSpace or eprint with an employee or student of our Institute database. By that it becomes extremely difficult to know an accurate figure of the dissemination that the institute stakeholders have made.

These issues led to the development of our bibliographic content management system for all the research dissemination of NIT Rourkela. In this system, the stakeholders upload the metadata of their publications for verification by the administrator. The administrator may correct the metadata for any minor mistake and for significant moderation it is referred to the author. Upon successful verification, the data is stored in a central location from where a number of services are made available. The Institute website retrieves the data and displays the same according to the user's filtering criteria. The system also has an option to submit preprint/postprint/full text/abstract of the publication. In such cases, the submitted manuscript is archived in DSpace/eprints and thereby eliminating the need of making multiple entries. The stored data can be used for various services like appraisals, key-publications, and numerous other reports. In addition, information on teachers' research interest can be derived from the existing data.

This seminar shall present an insight into the flow of the system and elaborate the various benefits of the same.

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Electronic Resource Management in Libraries: Progressive Trends

Dr. Nihar K Patra

Abstract

A paradigm shift from Electronic Resources (e-resources) to Electronic Resource Management (ERM) has witnessed a great change in the recent year both for the libraries and their users. Today's the important function of libraries which increase very rapidly is to provide information in electronic formats. Libraries provide access to these e-resources in a wide variety such as e-databases, e-books, e-theses and dissertations, e-journals, digitized & born-digital documents, digital images, streaming video, sound, audio books and Internet/Web resources. To manage this diversity of e-resources is a challenge before library professionals. Therefore, the concept 'electronic resource management (ERM)' emerges.

To manage the entire process of e-resources starting from acquisition, access and administration, renewal/cancellation is called life cycle of e-resources. Following figure represent the life cycle of electronic resource management. Generally, life cycle of e-resources has five major components as mentioned above viz (1) acquisition management, (2) access management, (3) administration management, (4) support management, and (5) evaluation monitor management.

Tool to manage and access e-resources starting from evaluation, selection, acquisition, renewal/cancellation, license agreement, open access and institutional archives, access rights, usage statistics, single access point, implementation and administration is called electronic resource management system / or software (ERMS). ERMS is software/system that manages almost all steps in the life cycle of e-resources. Several companies/vendors/institutions have developed ERM products. Some of the commercial, open-source and locally developed products are mentioned as follows:

Commercial Products

- i. ERM, SwetsWise, Swets Information Services B.V
- ii. ERM, Innovation Interfaces, Inc.
- iii. ERMS - SirsiDynix, Serial Solutions
- iv. Meridian, Endeavor (now owned by Ex Libris)
- v. Verde, Ex Libris
- vi. EASY, Square Information Systems
- vii. Gold Rush, Colorado Alliance of Research Libraries
- viii. True Serials, Nylink

Open-source Products

- i. CUFTS, Simon Fraser University
- ii. ERMes, University of Wisconsin-La Crosse
- iii. FreERMS, by Touro College
- iv. HERMES (Hopkins Electronic Resources Management System), Johns Hopkins University
- v. SMDB, SemperTool

Locally Develop Product

- i. VERA, MIT
- ii. Harvard ERM, Harvard University
- iii. ERMdb, Boston College

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Role of Open Access Scholarly Communications to achieve Digital Equality

Barnali Roy Choudhury

Abstract:

Due to the advent of Internet connectivity and computational technology, libraries are starting to act as a distributed network point of digitized resources along with printed materials. Libraries are now trying to acquire, store, process and navigate a good collection of e-resources in various forms and formats (e-journals, e-books, online-databases, electronic theses and dissertations, CD-ROMs etcetera) to serve a large amount of patrons. But in the process of acquiring a huge amount of good e-resources, main constraint is the inflated price of journals. This kind of egregious and rising prices of scholarly journals creating barrier between research work which is really risky for researchers and academicians. As per Journal prices (www.journalprices.com) the institutional prices charged by monopolist publishers average about 3 times as high per article or per citation as those charged by the non-profits. In this scenario open content movement plays a great role for academicians. Open access is the provision to access of publicly funded scholarly communication without any economic, legal, technical and social barrier for democratization of knowledge and access to information for all persons. There are various sources of Open access scholarly communications on the web. This paper is trying to show how could a librarian caters the right information, to the right person at a right time with the help of OA resources. It also tries to brief an easy process of retrieving information from various OA resources in a single search interface by using Custom Search engine in a single time. The paper concludes with some effective and useful needs to achieve digital equality.

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Abstracts
from the
Conference Proceedings

Collection Development of E-resources: A case study of National Library of India

ParthaSarathi Das
Ms. Smitanjali Panda

Abstract

This paper explains the background concept of collection development and electronic resources, advantages and limitations of e-resources. A brief history of National Library is narrated along with its objectives. The chapter describes briefly the need and background of the collection development of electronic resources in National Library. All the electronic resources that could be accessed at the Library are presented in a tabular form. It also discussed the workflow followed the acquisition of e-resources and suggested a checklist for the librarians. It also discusses the common problems generally faced and future plans.

Keywords : Collection Development, E-resources, National Library

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Dubai Electricity & Water Authority (DEWA)'s Smart Library: A case study on customized electronic library for Government Authority

Renukaradhya N. Shivanna

Abstract

DEWA's Smart Library provides its staff with 24-hour access to external technical and business information from the world's leading publishers. Established by DEWA's Knowledge Management (KM) Section, the Smart Library (E-Library) supports the Smart Government Initiative launched by HH Sheikh Mohammed bin Rashid Al Maktoum, Vice- President and Prime Minister of the UAE and Ruler of Dubai. The Smart Library provides a wide range of resources in different fields including: power and water, science, engineering, management, training, environment, health and safety, and quality. The content has been selected to meet the needs of DEWA's employee and the business. The selection was made after consultations with key subject matter experts from across the organization and will be reviewed annually to ensure that it remains current and relevant to DEWA and its changing needs. Any user can search and view bibliographic details, but for the time being accessing/ downloading of complete e-books, e-journals and articles is restricted to registered DEWA employees only. DEWA Employees can access the Smart Library (E-Library) using desktops, laptops, tablets, and other smart devices inside and outside of DEWA's offices to help them with their work and professional development.

Keywords : Smart Library, Electronic Library, Discovery, Authentication, Knowledge Resources

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Library3.0: Dynamic Web3.0 Applications for Libraries

Mohd Tasvirul Islam
Jai Prakash Singh
Dr. Krishna Kumar Kesharwani

Abstract

The paper explains the concept of web 3.0 since its evolution from web 1.0. The traditional version of web i.e. Web 1.0 started as a Read only medium; the next version Web 2.0 established itself as Read/Write medium. Now the currently evolving version of web, viz., Web 3.0 is said to be a technologically advanced medium which allows the users to Read/Write/Execute and also allows the machines to carry out some of the thinking so far expected only from the human beings. In a short time, Web 2.0 and now Web 3.0 have created new tools and technologies for facilitating web based education & learning. To begin with, this paper discusses some definitions of the Web 3.0, its evolution and characteristics. Next, we have discussed about the possible future Web 3.0 technologies, trends, tools and services that will assist in the areas of knowledge construction powered by the Semantic Web.

Keywords : Web 3.0, Semantic web, Library 3.0, Trends, Features

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From Library User Education to Information Literacy

Jitendra Ahirwar

Abstract

This paper focuses on the position of the students after the information literacy sessions were conducted for them, this questionnaire was given to them post IL session for audit of information literacy of BMRMM students. The problem areas considered are explained further in this paper. The students visiting BMRMM Library were asked to answer this questionnaire online, a total of 73 students responded to the questionnaire from all the classes, the results of which are presented below, and the benefits aimed & achieved.

Impact of Electronic Resource Management System in Academic Libraries

Dr. Krishna Kumar Kesharwani
Dr. Pradeep Kumar Trivedi
Prabhat Singh Thakur

Abstract

The growth of reliance on electronic resources in academic libraries has led to the recognition of electronic resource management as a new problem area and specialty within librarianship and to the development of a variety of electronic resource management systems and services that have been widely adopted by academic libraries. This paper looks at the origin of the ERMS (E-resource Management Systems) and the available ERMS in the library digital landscape.

Keywords : ERM, ERMS, Digital Libraries, Integrated Library Systems, Collection Management

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Management of Electronic Resources in Engineering College Libraries

Prof. K. Somasekhara Rao

Dr. N. Venkata Rao

Abstract

The electronic resources are increasing continuously in libraries, particularly in engineering college libraries. It is necessary for professionals to understand the issues of management relating to electronic resources. About 26 aspects of managing electronic resources are listed. And the information collected from selected engineering college libraries is presented.

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Management of Journals through KOHA Open Source Software: an
Overview

Asheesh Kamal

Abstract

In the era of open communication and knowledge sharing, the role of libraries has been increased manifolds. New technologies and applications have added advantages for the libraries to meet their large community of users' demand. This paper mainly emphasis on journal management system in "Koha" – open source library management software. While studying the importance of print and electronic journals management in the library, Koha is one of the widely used library management software whose source code is available openly. It provides many options for user customization and advantages for journal management and information search and retrieval.

Keyword : Journal, Koha LMS, Cataloguing Modules, Open Source Software, Serial Modules

Mendeley, RefWorks and .CSV file format: a Comparative Analysis of
Citation Management Tools

Kshirod Das
Dr. R. K. Mahapatra

Abstract

The use of citation management tools for recording of bibliographic citations is now insidious among researcher. This study compares the results between Mendeley, RefWorks and .CSV file format. The results were drawn, and that Mendeley has imported more fields from SCOPUS then RefWorks and .CSV file format. The analysis also shows that, using these tools are more helpful then manual system for citing accurate information.

Keywords : Citation Management, Citation Imports, Reference Management Software, Bibliographic Management Software, Analysis

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Preservation, Conservation and Restoration of Library Material

Dr. Gurdev Singh
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Abstract

The present paper describes the methods, importance and need for conservation and preservation of library reading materials. The paper describes various methods of preservation and conservation of various types of documents in the library. It also describes the preventive measures to protect the library material from destruction and measures to safeguard the library material from further decay. The method of digitization is being used as a preservation technique in modern libraries. This paper discusses the techniques and process of digitization briefly.

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Relevance & Role of Librarians in age of Web 2.0

A. K. Sharma

Abstract

After the advent of computer and especially internet, people started talking that the librarian will totally be facing the destiny of dinosaurs. The article discusses the role and relevance of librarians and libraries in the era of Web 2.0. How the librarians proved their relevance in the era of Web 2.0 and survived on the tune of Darwin's theory of "Survival of the Fittest". With the advent of full-text journals and e-books on the net, and in the era of powerful search engines like Google, Yahoo- the existence of librarians seems to be in danger. In the era of powerful search engines and ICT can the existence of the librarians be justified? How the role of librarians has changed in the present scenario. The number of active users visiting the library is decreasing day by day, and the library users are expecting every piece of information on their desktop. The article discusses how the librarians can fit themselves in the changing environment.

SWOT Analysis of Electronic Library Resources

Vijayakumar M
DebojyotiNath
Premraj Mishra
Saket Kumar

Abstract

Access to electronic library resources has been major boon all libraries users, may it be academic library user, research/special library user and public library user. Electronic library resources are considered to be one of note harmony of hybrid library collection. Even it become essential tool in all academic and research activities. Electronic Library Resource means, any library resources that can be accessed electronically or digitally are called electronic library resources. Due to advantage of information technology, electronic library resources are exploding in its growth with all dimensions.

Due to information explosion through electronic format, we can find some many changes in our library especially. Usage of print library resources is declined in most of academic and research libraries. Even usage of electronic library resources is increased in most of the libraries, may it be academic or research libraries. Regarding budget, the majority of the library resource budget in most of the libraries is spent on electronic library resources, and even this trend will continue in future also. With the advent of cloud computing technology there will be reduce in the overall number of technical personal required for technical services. So SWOT analysis will helps us to employ a strategy to match strengths and opportunities; and employ those strategies for converting the weaknesses and threats into strengths and opportunities for electronic library resources.

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Tools and Techniques of E-learning

Mr. P. Suresh Kumar

Abstract

Discussed the concept, objectives and types of e-learning. The tools of e-learning, techniques of e-learning and advantages and disadvantages of e-learning are stated.

Keywords : e-learning, information and communication technology, teaching, tools, techniques.

Use of E-Learning Resources in Engineering College Libraries
affiliated JNTU-Kakinada

Prof. K. Somasekhara Rao
Dr. T.Venkata

Abstract

The importance and concept of E-resources and libraries are mentioned. About 12 NBA accredited engineering college libraries are selected. The awareness of e-learning resources and the opinions of respondents on variables like NPTEL Video Courses, LAN Courses, Book CD's, and Journal/Magazine CD's and Old Question papers are analyzed.

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Citations Management in Scholarly Communication with Mendeley
to Avoid Plagiarism

Arpita Basu
Joydip Chandra

Abstract

The present society is based on the knowledge economy. It's our right to free access of knowledge but protection of intellectual property rights (IPR) acts sometimes create hindrances to free flow of knowledge and information. Protection of IPR is essential for the economic aspects of knowledge property. Infringement of IPR by the academicians may be treated as plagiarism. To avoid plagiarism it's important to acknowledge the creator(s) as well as the source where it is available. For acknowledging, the knowledge of citation styles is required. Present advancement of information and communication technologies, emerged a number of free and fee based software for managing the citations that are helpful to cite references in a hassle free way. Mendeley, one of the free such software becomes most useful for this purpose. Installation, salient features and application of Mendeley is discussed.

Keywords : IPR, Copyright, Plagiarism, Citation Tools, Mendeley

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Use of E-resource by University Faculty Member of Chhattisgarh, India:
A Study

Dr Sunil Kumar Satpathy
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Abstract

E-resources in any type of libraries more specifically academic libraries of higher learning institutions have become a center of attraction for users, particularly faculty members. The quality of a library and its services are now a day's mostly calculated on the basis of availability and usage of e-resources. This paper defines e-resources, objectives, scope and limitations of the study. Data was collected through questionnaire, and collected data was analyzed and interpreted. The major findings of the study were summarized which reveals an encouraging picture of the use of e-resources by the faculty members of various universities of Chhattisgarh. Concludes with the remarks that keeping pace with the development of information technology and demands of users, the university's libraries of Chhattisgarh need to acquire more and more e-resources and develop necessary facilities to access the e-resources, so that maximum uses of e-resources will be made possible and return on investment can properly made and justified.

Keywords : E-resource, Faculty members, Universities, Chhattisgarh

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Knowledge Management in the Academic Libraries

Dr. Mallikarjun Vaddenkeri

Abstract

This paper highlights the significance as to what knowledge is and how it relates to or differs from the information. It further explains types of knowledge and role of librarians to manage explicit and tacit knowledge. Concludes that how important is Knowledge management for librarians to update their knowledge and skills in the changing arena.

Keywords : Knowledge Management, Library and Information Science (LIS), Explicit Knowledge and Tacit Knowledge

Essential skills for searching information from electronic resources in the
college libraries: A survey

Dr. Mahantesh Ajagond
Mrs. Sarita Wadekar

Abstract

Drastic changes are taking place in the academic libraries as a result of Information Communication Technology (ICT) revolution. The dawn of the Internet has impacted the library and information services enormously and made the present libraries more than the centre of learning resources and multimedia centre. With the continuous expansion of ICT and internet resources, libraries have been greatly benefited and also activated in democratizing information. Day by day, the content and coverage of the e-resources are expanding. The generation of the present day has been greatly influenced by tremendous amount of academic information available in the format of e-resources for the effective teaching and learning program. It has been observed that using the e-resources for the purpose of accessing the required information is not an easy task. In order to evaluate the information available in the form of e-resources requires some well-defined search strategies. The so-called information skills developed over a period of time have been successfully tested and practiced. In order to understand the information search skills of the college students a small survey was conducted in some selected NAAC accredited colleges in Mumbai. This paper gives the result of the study to highlight the essential information skills and their operations in the college library environment briefly.

Keywords : E-resources, Search Skills, Information skills, Academic Library.

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Effective Information Literacy Program in VIIT Library for better Utilization
of Library Resources

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Dr. Hindurao S. Waydande

Abstract

In this paper awareness programmes run by VIIT Library to increase utilization of subscribed e-resources is discussed. Though it is supposed, Libraries are core facilities in Academic Institutes, sometimes they are sidetracked. So Libraries must emphasize to establish themselves. It is always felt that a lot more money is spent on Library resources and services and output of Library i.e. utilization of these resources and services is not up to the mark. Library should come forward to resolve these issues by handling various activities. All these activities are discussed here.

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Open Access Online E-resources in Library and Information Science

Mr. KundanJha
Ms. Tejaswini Gupta
Dr. Nidhi Gupta

Abstract

This paper mainly describes about the various aspects of E-Resources, its purpose, need, features and benefits. This paper also emphasizes on some of the open access E-resources in library and information science. Ten open access online e-resources in library and information science are analyzed.

Keywords : E-resources, Open Access Resource, Open Access E-resources in LIS, Library and Information Science, Electronic Information

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The Role of Licensing in Electronic Resource Management (ERM):
An overview

Suchismita Dash

Abstracts

As libraries build ever larger collection of Electronic resources, finding ways to manage them efficiently become a major challenge. The number of electronic journals, e-books, citation databases and full-text aggregations held by most libraries has grown rapidly. Managing these electronic resources involves providing library users with convenient ways to find and access them and providing library patron the most reliable scholarly resources published in electronic media. Libraries need to implement an ERM system to manage the information flow better and to administer their electronic resources in a better way. The terms and conditions for using these resources are set out in electronic resource licensing agreement between publisher and libraries. Several issues relating to licensing agreement between the publisher and libraries are briefly discussed in this paper.

Keywords : Electronic Resource Management (ERM), Licensing, LOCKSS, COUNTER, SERU

ERM: A Strategic Management Technique

Bankapur. V. M.

Without a strategy, execution is aimless, without execution strategy is useless”
–Moris Chang

Abstracts

E- Resources are the future and fastest growing sources of information. These resources have changed the landscape of the libraries. “ERM” has become a new science of information management associated with a strategy converging with library policy, procedural and rules to achieve its goals. It is an effective management technique. An attempt is made to explore these strategies for electronic resource management useful for libraries

Keywords : Strategic Management Technique, E- Resources.

Library Consortia: Need and Importance

Dr. Sambhaji G Patil
Mr. Sachin Jayawantrao Gadekar

Abstract

This research paper describes the concept of "E-Journal Consortia" highlighting the advantage and disadvantages. Consortium is increasing in the developing countries and in the future more and more consortia would emerge to serve their members. The Consortia should take a lead role in the development of a national strategy for information provision for research in higher education. The growth of information technology, proliferation of information, increased demand of users, financial constraints, inflation in Indian currency etc, makes the library impossible to acquire all the information resources. It fulfills the needs of information seekers self-sufficiently. The use of E-Consortia in 21st century Libraries and Information Centre's in India is discussed.

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Acquisition and collection development policy for electronic resources:
Issues and challenges

Puspita Mishra

Abstract

Electronic resources are very much broader term that includes different documents that are instantly accessible with an electronic device within a fraction of the time. These resources are of importance to faculties and students for research and teaching purpose. The libraries are focused on taking an authority part in teaming up with Scholastic Departments in giving electronic resources to help the research and study. This document provides the life cycle of the e- resources with a guideline to the policy document for selection and evaluation of electronic resources in all respects.

Keywords : E-Resources, Licensing of E- Resources, Life cycle of E- Resources, Collection development, Evaluation.

Digital Marketing Services of Academic Library Challenges
faced by Librarians: A Study

Prasanna Kumar H E
Dr. F G Patil
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Abstract

This paper deals with the marketing of library and information services in the digital era. It discusses about the marketing concept of today's library and information centres covering various topics such as management of libraries and commitment to customer's satisfaction. It also defines the marketing and its current approach to library and information services in the global era. The services should be the value added according to the current requirement of the users. It is concluded that the modern libraries are information markets and the library users are consumers of information. The objective of the marketing of library and information services should be the dissemination of the right information to the right customer at the right time.

Keywords : Marketing, Digital library services, Marketing strategies.

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Mobile Technology in Libraries for discovering E-resources and Services

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Abstract

The advancement of mobile technology provides portable, instantaneous access to the world of information, across boundaries of the subject, discipline and industry. Present-day Libraries are not behind these technologies, and they are adopting mobile technology in their services to deal with the increasing demand for electronic resources and ongoing acquisition and archiving of digital contents. The application of mobile technology has helped the library users to link the physical and virtual collection offered by the library, which enhances the user experience. This paper tried to outline the application of mobile technology in discovering & identifying e-resources with the practical application of QR code, and specifically studied the successful case in Central Library of NIT Rourkela.

Keyword : Mobile technology, QR Code, Digital Libraries, E-Resources Management.

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Awareness, Access and usage of e-journals among research scholars of
NIT Rourkela: A Survey

Sk Abdul Gaffar
Dr. Bhojaraju Gunjal

Abstract

Libraries are investing huge amount on subscriptions or renewal of e-journals every year. In this scenario, there is a need to study, understand and analyze its usage from the user's w.r.t. different perspectives. This study tries to investigate different aspects such as awareness, access and usage of E-journals among the research scholar's at National Institute of Technology Rourkela, Odisha. Along with the problems they encounter during the usage of the same. Based on the study, it was recommended that Users Education Programme, stable high-speed internet supply, and adequate number of computers should be provided to ensure consistent access to available e-journals services. This study explains the detailed analysis of survey on these different aspects; findings and solutions. And it also recommends a probable solution for improving the usage of e-journals.

Keywords : Electronic Journals, E-journals, E-database, online journals, Virtual Journals, Library Consortia.

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Mobile Technology: A Vital Information Dissemination Tools
in Academic Libraries

Srikanta Sahu
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Abstract

With the advancement of the information age and development of technology, library has always tried to use various ICT tools to improve its services. Though libraries are perceived to be the sanctum sanctorum of man's quest for Information, where humanity has traditionally journeyed to quench their thirst for knowledge, today's information society seems to be living in a world where the library is engulfed in their own mobile phones right in their very own pockets. This paper looks at the overall impact of mobile services, their application in libraries and looks at the specific area of reference services in the libraries where the potential, demand and opportunities are more for mobile applications.

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Open Access Journals and Scholarly Communications of Digital Contents
in Indian Perspective

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Abstract

Open Access aims at providing free, immediate and unrestricted availability to digital content without any hindrance. This paper examines the types, merits and demerits, benefits of open access journals and its importance to the system of scholarly communications. The present study mainly discusses the role of major open access journal providers in India and the future trends of publication.

Keywords : Open Access, Digital content, scholarly communications

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Citation Management tools: A useful web gizmo
for managing academic references

Dr. Mahendra K Sahu

Abstract

Citation management tools are very important to make the academic task much easier. It allows users to generate citation from the database while doing research or writing an academic literature. The main objective of the paper is to illustrate about citation and citation management tools. There are varieties of citation management tools available on the web, and according to their nature, it has been divided into four distribution model. In this paper four most important citation tools like, Zotero, Mendeley, Endnote and Bibtex, which will help the researcher and the librarian grapple with the decision that citation management tools will be suitable for their academic assignment has been described.

Keywords : Citation, Citation management tools, Model of CM , Refworks, Zotero , Mendeley

E- Resources and its Types

Mr. Satyabrata Garanayak

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Abstract

Advanced Information Technology and Computer Applications during the past few decades have made tremendous changes in the way of information gathered, stored, organized, accessed, retrieved and consumed. The traditional image of the library has changed to digital due to the development of E-resources, so old concept of acquiring information is replaced by new concept of accessing information online .This paper overviews the different types of E- Resources commonly used by user.

Keyword : E- Book, E- Journal, E- Clipping, E- Databases, CD/ DVD- ROM

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Electronic Resource Services in Libraries: An overview

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Abstract

Due to the information explosion, the information is growing rapidly. Information technology has brought unprecedented changes and transformation to academic library and information services. Conventional library information services such as OPAC, user's services, reference services, bibliographic services, current awareness services, document delivery, interlibrary loan, audio, video services and customer relations can be provided more efficiently and effectively using information technology through Electronic resources. The advent of Information Technology has made a clear and pervasive impact in almost every area of library services. Moreover, as the popularity of e-resources increases, the librarians and staff are also concerned about e-resources, their methods of accessing, evaluation, selection, organization etc. The present paper gives know-how about encouraging the use of e-resources in the academic context.

Keywords : Information Technology, OPAC, E-Resource, Electronic Library

E-Resources of Central Library at Central University
of Bihar Patna Campus: A Case Study

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Abstract

This paper focuses on utility of e-resources for academic library users at Central University of Bihar, Patna campus. Now a day's library serves knowledge communication through e-resources. In the Academic era, very strong relationship between users and e-resources for research, study and new innovations purpose can save the time and increase the ability to re-search the new information. E-resource is one of the best asset for research scholars and faculty. The explosion of e-resources has increased its use by the end users in the field of education, research, teaching-learning and find new facts. In this case study to examine the usage of e-resources at Central Library, Central University of Bihar has been undertaken. The study reveals that research scholar respondents the first position of searching e-resources, faculty respondents the second position, PG students respondents the third position and UG students respondents the fourth position. In this study access facilities improve with high speed internet.

Keywords : Researcher Perception, User study, Databases, e-resources, CUB Patna.

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Knowledge and Access of ICT on information among the students of
Management Study Colleges in Chennai, Tamil Nadu, India

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Abstract

The term 'ICT knowledge' refers to the ability to use ICT tools and internet to access, manage, integrate, evaluate, create and communicate information in order to function in acknowledge society. Institutions of higher education are responsible for preparing well-informed skilled and globally compete in workforce. There is a need to sensitize them to use web resources and web based services for research and academic purposes. Majority of them agree that information is easily available on the internet, but, it needs to be evaluated before use. A model curriculum is proposed to impart digital literacy skills to the students of Master of Business Administration. They have adopted information and communication technologies (ICT) to impart digital literacy skills to their students. An understanding of the use of ICT by the students helps in framing curriculum for the digital literacy course. A study of the use of various ICT tools and web based services by 220 students, registered for IIInd Year of Master of Business Administration course in six institutions of higher education in Chennai, Tamilnadu State was undertaken during the year 2014. Questionnaire was used as the data collection tool.

Keywords : ICT knowledge, Digital literacy, Information literacy, ICT tools, Student community, Business administration

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Library services through Mobile Technologies: Some Issues and Challenges

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Abstracts

The development of mobile technologies has generated a considerable amount to change in shifting the academic environment from traditional settings to mobile learning settings. Cellular phone access rates are much higher than broadband internet access via computers. Mobile technology has been more widely and quickly adopted than any other technology ever. New applications are being developed and introduced on a daily basis. This article will discuss a few of the new and exciting services libraries are offering on mobile devices.

Keywords : mobile technology, library services, Optimized website

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Electronic Resources: Scope and Challenges in Academic Libraries

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Abstract

The chapter addresses the concept of electronic resources, scope, and challenges of electronic resource in academic libraries. It defines electronic resources as sources of information that are available and accessible electronically through the use of computers. Digital technology has fundamentally changed academic library collections. Forever gone is the era when an academic library's physical collection determined its repute. In the modern networked technological era the emphasis has shifted from ownership of physical resources to access the electronic resources that are globally accessible. Digital technology is busy transforming the nature of academic libraries. A variety of terms such as hybrid, digital and virtual library are used to refer to the academic library.

Keywords : Digital Resources, Electronic Resources, E-resources, Digital Information Resources

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Collection Development and Services of Private Engineering College
Libraries of Howrah District, West Bengal

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Abstract

This study intended to carry out a survey of collection development and services of private engineering college libraries of Howrah district. The present study demonstrates and elaborates the various aspects of use of collections and services, purpose to visit the library; adequacy of library hours, infrastructure facilities, use and collection of documents that is, internet information resources. The paper also identifies the levels of use of various services provided, access of online databases services, database search techniques, and users' awareness about different types of library network. Highlights satisfaction with overall functions of the library. Suggestions have been given to make the collections and services more beneficial for the academic community of the mentioned engineering college libraries.

Keywords : Collection development, information resources, users' awareness, engineering college libraries.

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Use of Federated Search in libraries for effective Information Retrieval

Anupama Meher

Abstract

Today in the cyber world, most of the libraries try to provide relevant information as per the information need of the users. So in this condition most of the incredible libraries use federated search to provide the suitable information to the end users. Federated search is playing a significant role in today's library. This article focuses on the basic concept of federated search, its advantages, work and architecture of federated search. The climax of this article lies with open source federated search tools and Commercial tools used in different libraries. Federated search enables users to search multiple resources in one box. At the end this paper, proposes a model of federated search for Biju Patnaik Central Library (BPCL) using single search interface to enhance the usage of its resources.

Keyword : Federated Search, Cross Search, Harvested Search, Open Source Tools and Commercial Tools

DRM in Digital era: An overview

Malatee Padhan
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Abstract

Digital right Management (DRM) is emerging as a formidable challenge and essential for DRM system to provide interoperable services. The digital revolution inspired the development of DRM to prevent us from using a copyrighted digital work beyond the degree to which the copyright owner wishes to allow us to use it. The purpose of this article is to summarize the different DRM technologies and its impact on libraries.

Keywords : IPR, DRM, DRM Techniques, DRM and Library

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Consortia is a boon to libraries: A Study of Indian Initiative

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Abstract

The information explosion, fiscal strains and the publication deluge has stood as an impediment on the path of information centres and libraries to quench the increasing information thirst of its varied user community. It is not possible on the part of any single library or information centre to be self sufficient in holdings that can meet query of knowledge of its users. As a remedy to this malady, the library consortia have emerged as a vital concept. It implies to collaborative efforts among the member libraries for the prime motive of sharing of information and resources. This paper discuss the concept of consortia and focuses on some of the consortia initiative taken in India like INDEST, CSIR, UGC INFONET, FORSA etc.

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Factors of academic plagiarism in the information era:
Issues and Challenges

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Abstract

At present in the age of information explosion the readily available e-sources have many positive aspects but at the same time it has some negative aspects also. It has created an environment where someone else's ideas, thoughts, processes, works etc., is being used to produce the same commodity with new packing and labels, without giving credit or acknowledging the works. Plagiarism has risen in the academic world tremendously. Practice of plagiarism by the students in the colleges, universities is common but, it has resulted in arising challenges for the information producer as well as for the facilitators. This paper basically deals with the different types of plagiarism among students in the academics. It also explores the factors behind them. Free and commercial anti-plagiarism software's have also been undertaken in this paper. The issues and challenges associated with plagiarism have been discussed along with what can be the role of LIS professionals in reducing plagiarism in the information era.

Keywords : Plagiarism, Citation, Software, Information, Academic Plagiarism

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Changing Role of Librarians In Digital Environments and Digital Libraries

Chavan, Chandrakant
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Abstract

In Digital Environment of digital information, e-technology, W3 growing popularity, Rom Products, and digital libraries offer a huge range of Information. It is well accepted that libraries all over the world are undertaking revolution, particularly owing to the development in information and communication technologies. Conventional libraries are moving towards digital libraries and the 21st century libraries are being set up progressively of the digital kind. As a result, there is general interest and subsequently, a lot of R&D activities being carried out in this area world over. In India a number of organizations are also in the process of setting up digital libraries and many researchers and experts are conducting study on digital libraries.

Mittal (2008)⁵ Author described that India published nearby many High scholarly periodicals in the field of LIS. Articles on digital libraries in India have been published in National and International papers.

Keyword : Digital Library; Electronic Library; Virtual Library; Library Portal; DL

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Electronic Resource Management Systems for libraries

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Abstract

Electronic information resources are becoming evitable for the academic communities and are considered as inseparable part of libraries. In the present context where the electronic resources are increasingly getting popular and constitute a major portion of library holdings, institutions require tools to properly manage their electronic collections. Management of e-resources is a difficult task, due to their digital nature and ever changing attributes. This paper highlights on Electronic Resources Management (ERM) systems in administering the issues and activities related with electronic resources.

Keywords : ICT, Electronic Resource Management, E-Resource Management System,

Best Practices with NAAC in University College of Science Library
of Tumkur University, Karnataka: An Overview

Rajalaxmi A Govanakoppa
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Abstract

Best Practice may be innovative and be a philosophy, policy, strategy, program, process or practice that solves a problem or create new opportunities and positively impact on organizations. Institutional excellence is the aggregate of the best practices followed in different areas of institutional activities. The Library and Information Center of University College of Science was established along with the College and the library has adopted an open access approach to promote the use of information resources. In this paper as per NAAC guidelines best practices of the library of University College of Science, Tumkur are discussed.

Keywords : NAAC, Best practice, University, Libraries.

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Smart Systems at DEWA's Knowledge Centres

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Abstract

The Dubai Electricity and Water Authority (DEWA) is the sole provider of water and electricity to the Emirate of Dubai in UAE. HH Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, announced in the last quarter of 2013 to transform Dubai into a Smart City. Following his directives, DEWA's Knowledge Management (KM) Section has established 4 Knowledge Centres (libraries) across its various office locations for the benefit of its employees using the latest technologies and services.

DEWA's KM Section has implemented two Smart Systems that ensures these Knowledge Centres are easy to use and provide efficient and timely services.

Keywords : Smart Technologies, Smart Services, Knowledge Centres, Library Management Systems, Library Security Systems

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E-Resources in Special Libraries of South Assam:
Awareness and User's Satisfaction

Mr. Sudip Bhattacharjee

ABSTRACT

The value of libraries for the individual and for society has long been seen as self-evident. However, in times when users are becoming increasingly independent in their information seeking, when information seems to be free on the web. The electronic resources available in a library play prominent role in facilitating access to the required information to the user are an expediency manner. Further one need not go to the library to make use of print formats as the electronic resources can be made use of by any user through online access. The familiarity and use of electronic resources in special libraries for rapid development is very important and necessary. In view of this, here it is tried to highlight the present position of the special libraries as well as the thinking and satisfaction of the different categories of users. On the basis of the findings after the data analysis, the paper provides some suggestion for the implement of the present scenario of e-journal services at those libraries.

Keywords : E-Resource, Special Library, E-journals, User service, South Assam.

Best Practices in Central Library, Central University of Karnataka,
Kalaburagi: A Study

Dr. P. S. Kattimani
Suman Muddapur

Abstract

The library and information services of higher education institutions play vital role in enhancing the quality of academic and research environment. The several factors are forcing academic libraries to change. Some of the highlighted practices here are well accepted practices experimented in different environments in optimizing the use of library and information services. The paper covers the use of technology in designing and delivering the information products and services. Institutional repository content management, open source and internal requirement customizing as per the user requirements with remote access is one of the globally adopted best practices in large libraries. The paper includes reference services, text services, book bank services, SDI, CAS, reprographic service, professional training, UGC-Infonet, Touch screen facility and database search service etc. There are such bodies like NAAC, UGC, NBA etc, in India. The best practices mean, the services provided by the library is standard one. One can trust the services rendered by the library.

Keywords: Education, Best practices, professional training, information and services .

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E-Resource Management in Central Library of NIT Rourkela:
A Case Study

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Bhojaraju Gunjal

Abstract:

Electronic Resources are important components of the collection building process of the library. E-resources refer to those materials those are accessed through computer or mobile device which are accessed either remotely or locally. Some of the frequently used e-resources in the libraries are e-journals, e-books, e-database such as full text, citation & abstracting, reference, images, audio-video materials, etc. This study reflects the practice and management of e-resources in the central Library of National Institute of Technology Rourkela (NITR). The Library is committed to preserve its e-resources to ensure permanent access to its collections along with other formats. The example of e-resources include, but not limited to website, online database, e-journals, e-books, whether free or fee-based required to support research and academic activities of NITR fraternity. The present study streamline the tool & techniques used by central Library NITR to manage all its e-resources.

Keywords : Electronic Resources Management, e-journals, e-books, e-database, tools and techniques

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Usage of Electronic Information resources in Institute of Science Poona's
Institute of Business Management & Research, Pune, Maharashtra

Prof. Santosh V. Dagade

Abstract

I.B.M.R Wakad, Pune is the one of the well-known institute in Pune since 1984. This paper investigates the electronic information use pattern and trend of accessing electronic resources by the students and faculty. Academic libraries must understand the information needs. This study analyzes the kinds of academic information needed by students and faculty, which information resources they require, methods for locating information and level of satisfaction of library collection, services and facilities. The descriptive survey method was used and data was gathered via questionnaires from 180 respondents. The paper provides information for understanding use of electronic resources in institute.

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In this age of rapidly changing technologies, it is essential for all professionals to keep abreast of the latest developments, emerging trends & techniques in the area of electronic resource management in libraries. Certain issues and challenges faced in these areas need to be taken care of with proper solutions. In this regard, this conference provides an ideal platform to library professionals to share their knowledge and experiences.

Prof. Sunil Kr. Sarangi

The theme of “Emerging Trends & Techniques for Electronic Resource Management in Libraries: Issues & Challenges” is extremely relevant and benefit the fraternity of librarians. Information Technology has changed the ways in which information is created, processed, disseminated and utilised. This has certainly increased the efficiency and effectiveness of using knowledge for economic growth and development of the country.

Dr. P. Y. Rajendra Kumar

Transformation and rejuvenation of librarianship and libraries are happening around the world, and this has become an essential change in any knowledge based societies. Technologically empowered users looking for seamless and sustainable access to resources, and our libraries need to gear up proactively to satisfy their information and technology needs. I am glad that ELPES-2 is concentrating on these areas, going to have case studies, discussions and reports to shape some future directions. I wish all the success to this conference and delegates.

Dr. J. K. Vijayakumar



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