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Knowledge Management and Business Process Reengineering

Ajay Kumar Rathore¹

Abstract

Knowledge management has recently become a trendy concept. Information and Communication Technologies (ICT) were thus positioned as a strategic resource that enables automation, monitoring, analysis and coordination to support the transformation of business processes. Business Process Reengineering (BPR) is a strategy of redesigning business operations to take full advantage of information technology and human resources. BPR is a management tool which became popular together with the generic process management philosophy of lean manufacturing. Business process reengineering has become a viable way of implementing lean structures. The concept at the core of the BPR is the need to stay competitive. Business process reengineering is complex and challenging. Many organizations are trying to switch over to knowledge management and develop a knowledge management strategy, often alongside ongoing BPR. KM includes a set of tools, such as social network analysis, gatekeeper theory, knowledge audit, process mapping and optimization, knowledge asset deployment, knowledge sharing improvement, informal network planning, communications design, development of networks of excellence and communities of practice, and succession planning.

Keywords: Knowledge Management, Business Processing; Business Processing Reengineering

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Integrated Knowledge Management and Engineering

Ankita Singh¹ Pushpendra Singh² Priyanka Pandey³ Yogesh Sharma⁴

Abstract

Knowledge is one of the key issues in every business today. Computer based support is getting increasing importance here. This has currently mainly two main objectives: knowledge management and knowledge based systems. The complexity of engineering knowledge results in high requirements to the knowledge structuring and retrieval techniques to be used here. It is also valuable as a first phase in the lifecycle of knowledge based engineering systems. An Informal Model is introduced here as a representation of knowledge suitable for engineering knowledge management as well as to support the development of Knowledge based system. Knowledge management is a comprehensive process of knowledge creation, knowledge validation, knowledge presentation, knowledge distribution and knowledge application. In this paper, knowledge management has been explained in general. Then an application of Knowledge Management in engineering has been attempted to explain. The paper proposes a knowledge management to achieve a competitive control of the machining systems. The model can be used by the manager for the choosing of competitive orders.

Keywords: Knowledge, Knowledge management, Knowledge engineering.

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Information Visualization and Information Retrieval in CATIA V5: Core Features and Possibilities of Definitions within the System

Daniel Martínez-Ávila¹

Abstract

CATIA, Computer Aided Three-dimensional Interactive Application, is one of the most important commercial software used for Computer Aided Design (CAD), Computer Aided Engineering (CAE), and Computer Aided Manufacturing (CAM) in the aerospace and automotive sectors. This study analyzes the main core features for Information Visualization, Information Retrieval and Information Organization of the main CAD workbenches in CATIA V5 that will facilitate the development of new PLM features via external applications, and simple ways of defining new schemes for descriptions and exportation of records within the system. This paper proposes an easy way to define and load standardized schemes (other than the ISO 10303-209 STEP AP that is included by default) without any kind of API or external application.

Keywords: CATIA V5, CAD, Customization, Visualization, Retrieval, Metadata.

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Theories of Knowledge Management

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Abstract

Knowledge Management (KM) as an organizational novelty is more than a decade old. As a discipline, it has developed to a stage where we can now differentiate the principles and practices that make it exclusive. This theoretical paper is based on the extensive literature already existing on KM. The paper attempts to throw some light on the concept of knowledge and its uniqueness that called for the innovation of KM theories and practices. This paper outlines a brief history of KM concepts, noting that KM existed even before the term came into picture. We believe that to be reliable, KM system's development should be built upon the significant theories of KM that exists in different related fields. We have promoted this view in this paper by providing a review and interpretation of KM theories in different fields. In pursuance of this objective we attempt to comparatively analyse key tenets of present day models of KM theories. The paper presents theories of KM as propounded by Von Krogh and Roos, Nonaka and Takeuchi, M. Choo, and Boisot.

Keywords: Knowledge, Knowledge Management, Spiral Model, Organizational Epistemology, Sense- Making Model and I-Space Model.

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Role of Knowledge Management in Organizations' Improvement

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Abstract

With the passage of the Industrial Revolution and enter into the new millennium, the of organizations' engines are not any more limited to capital and human force. The most important multilateral organizations development and businesses is set of skills and in the present age is knowledge. Knowledge of its true meaning is a set of human abilities that is concomitant with awareness and information of better production methods. Application of such perception towards knowledge is widespread in the current and future organization. Thus organizations are after correct and timely utilization of their knowledge resources and the surrounding environment. Such an approach has developed a new concept known as Knowledge Management (KM). The tool that trussed to is developed implement Knowledge Management more in organizations is information technology and communication. One of the factors influencing in the acquisition competitive advantage and collective resources is knowledge. This paper intends to study the role of Knowledge Management in organizations and its impact on organizational effectiveness increase. The main objective of Knowledge Management in the organization is create, gain, saving ,issuing , sharing and applying knowledge, a knowledge that can be helpful and considered as effective resource in the time of planning and making decisions. The Knowledge Management is human hidden capital of Organization. Nowadays, organizations should not only consider their financial resources as capital but also the employees knowledge of an organization is enumerated as their most important capital. The management of an organization must effectively manage and invest in this area to increase the effectiveness and improvement of business.

Keywords: Knowledge, Knowledge Management, Human Capital, Organization, Employees.

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Strategies for Creating New Businesses: A Sociocultural and Institutional Approach

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Abstract

This paper aims to summarize the main theories from socio-cultural or institutional approach to encourage the creation of new businesses. Given this context, it raised the importance of theoretical study of the factors that influence decision making in the development of new businesses and how it affects the environment in which they operate the same business. The research method used is to review the existing literature by analyzing the major theories involved in the creation of companies emphasizing the socio-cultural approach. The analysis concludes the activity of entrepreneurship to encouraging the creation of companies, being an important factor in economic development.

Keywords: Entrepreneur, company, socio-cultural approach, theories on the creation of companies.

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A Comparative Study of Normalized Cut Method and Random Walker Method

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Abstract

Partitioning of image into different regions that are homogenous according to some predefined criterion is the chief characteristic of image segmentation. Segmentation is the first and most important step in numerous areas of image processing. In this paper, the comparative study of two image segmentation methods – normalized cut method and random walker method – is done. Normalized cut method is used to minimize the disassociation and maximize the association in the image pixels. It takes into account both similarity within groups as well as dissimilarity across groups. Random walker method is used to determine the labels (i.e. object or background) to associate with each pixel. Both the methods are used to minimize the graph cut.

Keywords: Graph Cut, Image Processing, Image Segmentation, Normalized Cut Method, Random Walker Method.

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Data Mining: An Overview

Prerna Kashyap¹

Abstract

The present paper is deals with the concept of data mining and guidelines for successful data mining, data mining process as : State the Problem, Collect the data, Preprocess the data, Estimate the model, Interpret the model and draw conclusions. Describe the various data mining software: commercial software as well as free software in details. Different Data Mining Techniques like Classification, cluster analysis, Prediction, Association Rules Mining, Text and Web Mining has been discussed. The paper also discuss the application of data mining in library and information Science

Keywords: Data Mining, Data Mining Process, Data Mining Software, Mining Techniques

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Implementation of Knowledge Driven Innovations

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Abstract

In changing work environments, innovation is imperative. Yet, many teams and organizations fail to realize the expected benefits of innovations that they adopt. A key reason is not innovation failure but implementation failure. The failure to gain targeted employees' skilled, consistent, and committed use of the innovation in question is many times attributed to inadequate understanding, exploration and application of the available knowledge. In present day context, where knowledge domain is continuously on change due to modifications, improvements and up gradation; it is very necessary that structured knowledge sifting, adopting the useful aspects and creating most user friendly applications by the entrepreneurs are resorted to. Having achieved the commercially viable innovation alone is not a surety to success. Innovation implementation has numerous obstacles, attributed to internal as well external stake holders. Thus the whole chain i.e starting with knowledge search to innovation to implementation of innovation in a highly professional manner is imperative and inescapable for the organizations to succeed in present day competitive environment.

Keywords: Knowledge, innovation, implementation, learning

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Knowledge Management and Information Technology

Sandeep Kumar¹

Abstract

Knowledge is organized information applicable to problem solving. It is distinguished from data and information. It can be tacit or explicit. Tacit knowledge is subconsciously understood and applied, difficult to articulate, developed from direct experience and action, and usually shared through highly interactive conversation, story-telling and shared experience. Explicit knowledge, in contrast, can be more precisely and formally articulated. Knowledge also may range from general to specific. General knowledge is broad, often publicly available, and independent of particular events. Specific knowledge, in contrast, is context-specific. People convert data and knowledge into information for some purpose. They create new knowledge based on data and information. These conversion and creation require existing knowledge and some ability called intelligence. Knowledge Management utilizes four primary resources, knowledge Repository, knowledge Refinery. roles of Knowledge Management and role of Information Technologies.

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A New Approach towards Distributed File System

Sangeeta Lalwani¹ Subhash Chand Gupta²

Abstract

A Java Distributed File System is an implementation of classical distributed time sharing model which is constructed on a file system where it allows one or many users to share the files and storage resources safely and securely. The system is an effective, safe and secured way of keeping the data which is private or needed to be kept safe. File replication, naming and transparency etc such techniques are already been used in other existing systems. An existing Distributed File System must be having File Replication technique but it might not encrypt the file. Some other Distributed File System might encrypt the files but have bad file replication. So here is the use of Java Distributed File System where all these different features are combined together in one. The Distributed File System will be written in Java because Java is a powerful platform for advancement of distributed systems.

Keywords-Naming and Transparency, File Replication, Fault Tolerance, Effective Communication.

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A Dualband h Shape Microstrip Antenna for Wearable Application

Sweta Agarwal¹ Swati Singh² Rajesh Gangwar³ Deepti Saxena⁴

Abstract

*In this paper an h shape dualband microstrip antenna fed by coaxial feed is presented for wearable applications in the ISM band (2.4-2.5GHz, 5.725-5.875GHz). This antenna provides dual band performance. As for the wearable applications, we use a felt as the substrate to make sure the antenna can bend follow human body. The overall size of the proposed antenna is 50mm*40mm*3mm. Different parameters like return loss, VSWR and Impedance are measured and discussed.*

Keywords: Impedance, Microstrip Antenna, Return Loss, VSWR, Wearable.

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Knowledge Management in University Libraries

Jagdimbika Prasad¹

Abstract

The process of organizing and sharing the diverse forms of business information created within an organization Knowledge Management can include management enterprise document libraries Internet websites and others types of knowledge basis. The development of Knowledge Management in recent years has become the key concern for librarians and libraries. This article reviews the development of knowledge and Knowledge Management. It also narrates the need and changes the technologies of Knowledge Management in the field of libraries. It also examines the role of librarians/libraries in the digital and knowledge and knowledge age should be in charge of Knowledge Management in their respective organizations in order to leverage the intellectual assets and to facilitate knowledge creation.

Keywords: Knowledge Management, Knowledge Generation, KM, Knowledge Management-Libraries

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Libraries and Librarians in India: Design and Development of a Login Based Management Information System

K P Singh¹

Abstract

The study is an outcome of a Major Research Project funded by University Grants Commission (UGC) under the investigation of author. The study has been conducted in two phases' first deals with the survey of libraries and librarians and second with the design and development of Login based Management Information System for Libraries and Librarians in India using the web technologies. Aillmis.net has been designed with sole objective to connect each and every libraries and librarians in India and serve as a national repository of libraries and librarians in Country.

Keyword: Libraries and Librarians in India, Libraries Management Information System, Librarians Management Information System, AILLMIS, LIS Gateway. Aillmis.Net

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Subject Information Gateway in Information Technology (SIGIT): An Access to Quality Information Resources in Information Technology

P M Naushad Ali¹

Abstract

Subject information gateways are basically portals to web pages and online information resources in a specific subject. They are the web based mechanism for accessing a collection of high quality, evaluated resources identified to support research in a particular subject discipline. Subject Information Gateway in Information Technology (SIGIT) is a subject information gateway developed in India in the field of Information Technology (IT) with an aim to provide structured access to high quality online information resources in IT to the IT professionals or those who deals with IT. . It is the first of its kind exclusively in the field of Information Technology all over the world. SIGIT was developed at the Department of Library and Information Science, Aligarh Muslim University, Aligarh with financial aid from the NSTMIS division of Department of Science and Technology (DST), Govt. of India, New Delhi and is available in the public domain at <http://www.itsubjectgateway.info>. The paper discusses scope and objectives behind in developing the subject gateway and also highlights the organization of IT based resources in the subject information gateway –SIGIT.

Keywords: Subject Gateway, Subject Information Gateway, SIGIT, Information Technology.

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Total Quality Management in Professional College Libraries in Maharashtra: A study

Pushpanjali S. Patil¹ Dinesh V. Patil²

Abstract

This research paper studies TQM in Engineering College Libraries. This Paper focuses on which classification scheme is used in libraries, if cataloguing card are prepared or not, then which catalogue code is used for the catalogue card, if the engineering college library is computerized or not and which library software they used to record the library document.

Keywprd: Total Quality Management, TQM, Library Manament

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Role of Information Technology in Knowledge Management in Organisations

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Abstract

Knowledge has been lately recognized as one of the most important assets of organisations. The past two decades have seen growing interest in knowledge management and the use of information technologies. However, it is not clear how the relation between IT competency and knowledge management works. This study provides a better understanding of that relation. IT competency has a direct effect on the processes of knowledge management: knowledge generation, knowledge transfer, and knowledge codification and storage. At the same time, IT competency also has an indirect effect on knowledge management by facilitating the development of organisational structures that favour the development and expansion of knowledge.

Keywords: Information, Knowledge, Knowledge Management, Information Technology, Organisation.

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Scientific Management in Libraries: In Present Context

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Abstract

In modern era scientific management is the need of every library to fulfill their technical, and administration skills. This paper discusses the definition of management, scientific management, their significance, necessities and various principles in libraries. Modern libraries are not a store house of information and knowledge, but also act as a live and active part involved in disseminating vital service to the society. Therefore in the libraries, the theories and principles of scientific management are being increasingly applied to manage them.

Keywords: Scientific Management, Modern Library, Library Management

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Knowledge Management in Libraries: The Process and Cycle

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Abstract

The growing demand of knowledge as powerful resource for decision making has forced the corporate world to invest more in the knowledge management activities and libraries are no exception to it. The present paper discusses that while the business world is changing in the new knowledge economy and digital age, libraries of all types are also undergoing drastic changes. It also explains how knowledge management process aims to support innovation and encourage the free flow of ideas. Finally, describes the proposed ideal KM Cycle which could best be implemented in libraries of all nature.

Keywords: Knowledge Management Libraries, Knowledge Cycle, Knowledge Process, KM

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Role of E-Publishing in Library and Information Centre

Krishna Roshan¹ Rameshwar Dayal²

Abstract

The advent of computer ushered in a new era in many disciplines. Societies are moving towards e-information. Information technology has significant impact on the publishing industry too, paving the way for internet and digital library throughout the world. Ever since the introduction of computers, it has become a goal to many researches to automate not only chores of routine work, but also the intellectual work of their respective fields. The field of printing and publishing is no exception. This paper throws light on e-resources, publications and its impact on libraries and information centre, its need, issues and concern, advantages and disadvantages and role of librarian on e-publishing environment.

Keyword: E-publishing, E-journal, E-resources, e-zine, Digital library, Multimedia

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Use of Mobile Technology to deliver Library and Information Services

Kusum Lata Malik¹

Abstract

The mobile technology has changed the way one connects and interacts with the world. The paper defines what the Mobile Technology (MT) is, how the traditional library services are now moving to mobile library information services. . A library may reach the remote users effectively by adopting of mobile technology in its services. Now users expecting, or preferring, to do things online that would previously have required a visit to the library in person. The objective of this paper is to shows the major library and information services provided by using mobile technology to satisfy the information needs of variant users. The paper discusses important mobile devices in library and information services. What are the pros of using this technology in libraries? The paper highlights an introductory view about library and information services on mobile devices. It attempts to identify key issues including factors affecting implementation of mobile technologies. Mobile technology will bring about a paradigm shift from the traditional methods of information delivery and integrate ICT as an essential component in every days lives. This paper implied that academic libraries would find mobile technologies to be the ideal tools for bringing reluctant users to the library, mainly for their convenience and suggested the measures. The paper concluded that the mobile technology has become boon to libraries and information centers.

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Information Communication Technology and Libraries

Mahesh Singh¹ Rajneesh Kumar²

Abstract

During the last fifty years, the world has witnessed important changes; in particular, information and communication technology (ICT) has brought a revolution in every sphere of life. Information communication technologies facilitate the process of identification, collection, storing, processing, disseminating of the information. With the invention of Information and Communication Technology, libraries now use various types of technologies to aid the services they render. Everyday new technological advances affect the way information is handled in libraries and information centers. Using ICT, libraries have not only observed remarkable changes in their daily operations and services, but also identified a new and active role for librarians. In this paper we describe the usefulness of ICT resources in libraries, the efficiency and effectiveness of ICT in library. This study attempt to explore the gradual advancement of modern technologies in libraries distinguishing old and new technologies. With the development and application of ICT, the libraries have shifted from the traditional to hybrid library, then automated library, digital archives stages, library 2.0 and mobile phone services. With the effect of these changes, the structure of libraries has also changed in a dynamic way, as in a continuous process. By the help of this paper I have drawn attention towards the innovation & development of ICT and its implications in library services, it creates many changes in entire library management system.

Keyword: Information, Communication, Technology, Libraries. ICT

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Mobile Strategy to Enhance Access to Digital Content in Libraries

Maitrayee Ghosh¹

Abstract

This article is an investigation on use of mobile friendly services and access to digital content in libraries in India. The users' information needs and popularity of mobile based library services within academic community are discussed. The Cell phones and mobile devices are within reach of almost every Indian and Mobile Digital Content (MDC) playing a promising role in a highly populated country like India. Mobile phones with in-built GPS satellite technology has increased access to information relating to edutainment and health, and empowered user community. The customized mobile friendly digital content provided by libraries with value added information is far better than mass produced content; affordable mobile handsets and cloud computing are restructuring the libraries access system and replacing out-dated pen-and-paper method with mobile Access Platform. To accomplish the goal of this study the author used a mixed method of study: an analysis of the academic literature, data collection through personal interaction, cell phone surveys, and website studies to understand users' perceptions about the potential use of mobile devices. The author appraised the mobile friendly services in libraries in the United States; the strategies for promoting mobile content and best practices in India and United States are discussed.

Keywords: Mobile Literacy, Personal Digital Assistants, Mobile strategy, Mobile digital content, nomadic devices.

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RFID Technology Implementation: A Case Study of Institute of Home Economics, University of Delhi

Pooja Jain¹ Pramod Sharma²

Abstract

RFID is a technology that uses radio signals to identify any objects/ people for the purpose of security. RFID is a combination of frequency based technology and microchip technology. The integration of RFID with library systems is advantageous to users by taking advantage of its unique contactless communication ability for numerous services to the users and library professionals for the operations like automated check in/ checkout, theft detection, stock verification and other areas of library management are the basic utilities of the technology. This paper briefly introduces concept of the RFID system, criteria for adoption of RFID technology, pros-cons of RFID. This paper also discusses smart card technology and its implementation with the LIBSYS software and future vision with specific reference to IHE (Institute of Home Economics) University of Delhi. This study also examines the influence of various factors of RFID use in college environment, focusing on Libsys RFID systems

Keywords: RFID, Library Automation, LIBSYS 7, Institute of Home Economics, RFID Smart Card

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Mobile Learning in the Higher Education

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Abstract

Mobile learning (M-learning) is a newly emerged phenomenon as the development of mobile computing and widely adoption of mobile technology among all age people. This paper provides a conceptual overview of mobile technologies can bring reform in the higher education environment irrespective of various kinds of barriers prevalent in our day to day life. M-learning is consequently an emerging concept as educators are beginning to explore more with mobile technologies in teaching and learning. It is a purely a qualitative research paper based on previous studies. This paper will help academic fraternity to develop various application tools for E-learning.

Keywords: Mobile technology, Mobile learning, E-learning, Wireless technology, Higher education.

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The Open Source Software for Library Management: An Overview

Anil Kumar Jharotia¹

Abstract

Open source library software packages are increasingly gaining popularity now-a-days. Many open source software like Koha, NewGenLib, Evergreen, and Foss4Lib etc. are applications now available for library management and automation. The open source software model makes source code available to users, who can change the software to tailor it more closely to their own requirements. With many open source software applications now available for library and information management, organizations have a new option for acquiring and implementing systems, plus new opportunities for participating in open source projects. Factors associated with the successful adoption of open source software applications for library and information management include the match with an organization's culture, technical infrastructure, staff skills, software functionality, and the extent of community support available.

Keywords: Free Software, Library Automation, Koha, Evergreen, NewGenlinLib, OSS.

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Use of Social Networking Sites (SNSs) by the Libraries Interact with its Users

Bebi¹
Arun Kumar²

Abstract

The main purpose of writing this paper is to highlight the use of social networking sites in library services. Social networking sites like Facebook, LinkedIn, Twitter, Google+ are very helpful in making awareness among library and information science professionals and its users. Approximately 75% of all online adults maintain at least one social network profile. In this paper an attempt has been made by the author to present the different social networking sites and its possible use in the library services.

Keywords: Social Networking Sites, Social Media, Facebook, LinkedIn, Slideshare

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Cloud Computing: A Digital Perspective and its Impact on Public Libraries

D K Shrivastava¹

Abstract

Cloud Computing is a latest buzzword and new technique of computing that is extensively used in today's public libraries as well as in information societies. The concept is shift the bulk of the responsibility for infrastructure support out to another vendor and basically out sources all data centers and software support to a library that specializes in web computing. Cloud computing brings the revolutionary changes in the world of information and computer technology because of its potential benefits such as reduced cost, accessible anywhere anytime as well as its elasticity and flexibility. In this paper discusses the present need of cloud computing in public library and its impact on library services and the concept of cloud computing is also briefly presented and also discussed the pros and cons, need, purpose, characteristics, model and application of new generation etc.

Keywords: Internet, Cloud Computing, Web Service E2C, Elastic Computing Cloud, VPN Virtual Private Network.

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Podcasts: New Horizon to Deliver Library and Information Services

Malkeet Singh Gill¹ Dipti Gulati² Om Prakash Saini³

Abstract

Podcasts are an effective way of disseminating information in diverse fields and alternative method to present the content into audio format. This paper aims to briefly define podcasts, its types, potential benefits and their applications in libraries. It also layout the associated software technology of podcasts into a tabular form consisting the information of name, description, year, founder and URL.

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Reaching Out to the Users with Innovative Technologies in University Libraries: A Case Study of the Central Library, Jawaharlal Nehru University, New Delhi.

Mahesh Chand¹ Lohrii Kaini Mahemei² Amar Singh Yadav³

Abstract

The write-up describes the challenges faced by university libraries in the Google age. It gives an insight to different innovative technologies and user services to meet the information needs and other challenges in a University Library. The paper outlined the web 2.0 and other tools, assistive technologies for differently able scholars and other outreach services for reaching out to users. It also, gives an overview of different projects undertaken, innovative technologies used and services being provided by the Central Library, Jawaharlal Nehru University, New Delhi, India.

Keyword: Outreach Services, Innovative Technology, Web 2.0, Assistive Technology

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Web 1.0, 2.0 and 3.0 in Modern Electronic World

A Saleem¹ Shabana Tabusum S Z M Sadik Batcha²³

Abstract

Currently, there is much talk of Web 2.0 and Social Software. A common understanding of these notions is not yet in existence. The question of what makes Social Software, social has thus far also remained unacknowledged. In this paper we provide a theoretical understanding of these notions by outlining a model of the Web as a techno-social system that enhances human cognition towards communication and co-operation. According to this understanding, we identify three qualities of the Web, namely Web 1.0 as a Web of cognition, Web 2.0 as a Web of human communication, and Web 3.0 as a Web of cooperation. We use the terms Web 1.0, Web 2.0, Web 3.0 not in a technical sense, but for describing and characterizing the social dynamics and information processes that are part of the Internet.

Keywords: World Wide Web; social theory; cognition; communication; co-operation; Social Software.

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Social Networking Sites and Libraries

Snehal Sandeep Pawar¹

Abstract

Today, in the age of information technology the library users are more techno savvy and need micro information about the subject. The paper describes the social networking in library affairs. The Web 2.0 Technology with open access provides opportunity for free access, free communication and contribution to knowledge. Nowadays everyone is connected with each other by means of various social networks like Orkut, Google+, Twitter, Facebook, LinkedIn, etc. This became an effective medium to share the knowledge and skills of the users and library professionals. From the traditional searching process for the books in the libraries the interactive usage of social networking can be now addressed as part of the library system.

Key word: Web 2.0, Social networking, Role of librarian, Social Networking Services

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Perception towards Usage of Social Networking Sites (SNSs): A Case Study Among Post Graduate Students of Assam University, Silchar

Sur Chandra Singha¹ Mukut Sarmah²

Abstract

Social Networking Sites, which belong to one of the Web2.0 products, offer a wide variety of services. Youngsters, especially students are the avid users of these sites. These sites help students to get in touch with their friends, faculty members, institutions and others. The present study is an attempt to understand the awareness and use of social networking sites among post graduate students of Assam University, Silchar.

Keywords: Web 2.0, Social Networking Sites, Post Graduate Students, Assam University

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Impact of Social Media on Society and Cyber Law

Vipul Partap¹ Rahul Mittal²

Abstract

The number of Twitter followers, Face book likes and J.R.P. (John Robert Powers) ratings are being rarely used as proxies for popularity and approved ratings. It threatens to cultivate an unfettered noisy and sometimes meaningless discourse culture with "famous" personalities pontificating on everything, so as to be seen as "speaking out." An IGO character (iGO Navigation - Global Navigation Software) communication medium available to all is a wonderful tool to rare issues but it leaves little room for a healthy debate and drawing meaningful solutions. Important issues are capsule down with rhetoric, wit and spin to make a point. Social media is powerful but can also encourage and reward a shallow posturing culture in society. Long gone are the days when a computer took up an entire room. Now we have computers at home, laptops that travel just about anywhere, and data networks that allow us to transmit information from virtually any location in a timely and efficient manner. Computers and the Internet can offer great benefits to society. However they can also present opportunities for crime, much of it just traditional crime using new technology tools.

Keywords: Cyber Crime, Media, Face book, Cyber Law

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Cloud Computing and Its Impact on Library Services

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Abstract

Cloud computing emerges together of the most popular topic in the field of Computer Science and Engineering area which used in the SGIT's Library and Management Information System (MIS). Cloud computing is predicated on several other computing analysis areas like High Performance Computing (HPC), virtualization, utility computing and grid computing. The advantages to create clear the essential of cloud computing, we have a tendency to propose the characteristics of this in the SGIT campus library which make cloud computing distinguish it from other analytical areas. This cloud computing has its own conception, technical, economical viable and group experience characteristics. This service orientated, loose coupling, sturdy fault tolerant, business model and easy use are main characteristics of cloud computing. Clear insights into cloud computing can facilitate the development and adoption of this innovative technology in each individual domain and business.

Keywords: Cloud, Library, HPC, Cloud computing.

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Digitization and Academic library: Librarian's Perspective

Anuj Gupta¹

Abstract

The aim of the academic library is to acquire, store, organize the information, give access to recorded knowledge regardless of forms for the benefit of all engaged in research and development. In response to the digitization movement, libraries are changing the ways they collect, store, manage and provide access to information. Present paper briefly explains the role of academic library in digital era or application of digitization to library. The application may be defined as fundamental computerization, which provides unrestricted access to, required information, library automation to operate all houses keeping operations of the library, Creation and networking of database. The paper deals with digitization process and also describes the challenges faced by the library professionals in the use of digital technologies in terms of insufficient funds, ignorance to latest technology, lack of skilled manpower etc.

Keywords: Academic library, Digital Library, Digitization, Library Automation, Digital Technology, Electronic services, ICT.

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Policy Framework for Indian Institutional Repositories

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Abstract

The paper discusses importance of policy framework for Institutional Repositories in our country. Policies for Institutional Repositories may be categorized as strategic policies, providing a broader policy framework and operational policies required for the day-to-day operations of the repositories. Strategic policies appear in the form of open access policies, self-archiving policies and Institutional mandates while operational policies are in the form of content policies, submission policies, & preservation policies etc. A detailed study of the existing policy framework of selected Institutional repositories was made. The data regarding policies was collected through DOAR, ROARMP and verified by visiting the repositories web sites, using OAI-PMH protocol. Based on the findings of the study, model plan of policies has been proposed. In view of the apparent necessity of policy framework the paper will be valuable for policy makers, teachers, and educators and also for users of IRs.

Keywords: Institutional Repositories, Scholarly Publishing, Self-archiving, Institutional Policy, Self-archiving Mandate, Open Access Policy

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Status of the DELNET in Himachal Pradesh: A Study

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Abstract

Automation and Networking of academic libraries are the demand of the current era but in India there are many states where the libraries automation scenario is not very satisfactory. The paper is an attempt to showcase the DELNET activities and its present usage in the state of Himachal Pradesh (India).

Keywords: DELNET, Library, Himachal Pradesh

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Building A 24x7 Access to Digital Library and Archives of Photograph: A Case Study

Pratibha Kaushik¹

Abstract

Advancing the information and communication technology affects print and electronic media sector more than others. One of the prime requirements for running a successful newspaper publication is getting access to high quality information. A journalist is always in need of current as well as archival information and accesses it from a number of sources. Digital Library of photographs requires a strategy for the storage of large quantities of data, which increases dramatically when dealing with the high resolution images. Hindustan Times (English daily) is India's largest circulated newspaper which offers holistic coverage of India and the world. Head office of the Newspaper is situated in Delhi and editions are published from Delhi, Mumbai, Mohali, Patna, Lucknow, Kolkata Jaipur and Bhopal etc. We have countrywide network of journalists and different supplement editions with a daily circulation like HT City, Real Estate, Live, Horizons, and HT Business etc. To fulfill the needs and requirement of Images of our users and different centers, we have established a web based Digital Library of Images. This paper describes the practical experiences gained during the establishment of the repository. It also discusses about software installation, hardware, architectural overview, processing of images, adding metadata, indexing and standard etc.

Keywords: Digital Library, Archiving of Images, Photographs, Content Management, Indexing, Metadata, Newspaper library.

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Digital Library in New Millennium: Opportunities and Challenges for Library Professionals

Rama Nand Malviya¹

Abstract

This paper introduces the definition of digital library, need, benefits and requirements including this briefly describe the digitization process. The role of library and information professionals has now become a debatable one due to the advent of digital libraries and Internet. They should also assume different roles as that of researcher, information packager, trainer, adviser, specialist and possible journalist in order to meet the challenges posed by new technologies. Hence, digital libraries offer new challenges to an emerging breed of digital librarians as new opportunities who should combine principle and practices of information management, with rapidly evolving technological developments to create new information product and services. Describes the different services provided by the digital library. This paper also describes the role of library professionals in the digital era. Their competencies and skills in the knowledge management including. This also briefly highlights the barriers which librarians face when they dream to digitize their library.

Keywords: Digital Library, Digitization, Library Professional.

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Digital Library and Social Environment: Balance of Utility and Necessity

Rameshwar Dayal¹

Abstract

This paper discussed the role of digital libraries in social sciences. It includes the discussion on the concept of digital library and its advantages and problems, the concept of social research, important of information resources, information needs and seeking behaviour of social researchers were also discussed, the results of observational method conducted in some universities researchers in India also discussed.

Keywords: Library, Digital library, Social research, Cafe Construction Kit.

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Utility and Management of Digital Resources at Central Library of Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS), Lucknow: A Case Study

Sanjay Kumar¹ Ranjeet Kumar Choudhary² Sumit Ranjan³

Abstract

This study focuses on the use of electronic resources by the doctors & postgraduate students of SGPGIMS Lucknow. The main aim of this study is to identify the key information needs of users in general and to identify the extent of use of e-databases in medical sciences available in SGPGIMS Lucknow. The study shows that 98% of respondents were used Wiley online journal. Awareness levels of respondents are very high in context of reading room and photocopy services but they are not aware about OPAC and inter library loan services of library. The IT infrastructure of SGPGIMS library is very much satisfactory. 61% of respondents were satisfied with the infrastructure of information technology of the library. Findings show that low interest and unawareness of using digital resources are major problems. Based on the findings the study suggests require many IT-professional which have good knowledge of computer. SGPGIMS-Library requires a separate building for circulating only online journal. SGPGIMS Library has suffering from lack of staff.

Keywords: Digital Resources, SGPGIMS Lucknow, Management

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Electronic Theses and Dissertations Initiatives in India

Shashi Prakash¹ Surjeet Kumar²

Abstract

Electronic Theses and Dissertations (ETD) have become an important component of library service in all countries. Many Indian higher education institutions are actively engaged in the process of introducing ETDs. This study describes the development of ETD projects in India. This paper tries to attempt to create awareness among faculty members and students about various ETD projects undertaken by the universities and R&D Institutes of the India.

Keywords: Electronic Theses and Dissertations (ETD), e-theses, India, Institutional Repository

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Preservation of Manuscripts in Sikh Reference Library of Golden Temple, Amritsar: A Case Study

Asha Narang¹ Sukhdev Singh²

Abstract

Harimandir Sahib, the Golden Temple or the Darbar Sahib is the most sacred abode of the Sikh Gurus and is the highest seat of the Sikh religion. Every Sikh strongly desires to pay obeisance at this sacred shrine. The Sikhs from all over the world converge to Darbar Sahib to seek blessings of the reverend Guru Sahib. Golden Temple has a Sikh Reference Library where ancient and contemporary scriptures of Sikhism are preserved. This paper analyses the factors for deterioration of the rare manuscripts, preservation techniques being employed to curb further damage to these rare documents. This study has made a sincere effort to investigate the present location and status of the building and the way it is serving the purpose of preservation of the precious and rare scriptures. Problems and prospects have been dealt in detail followed by the future plans of the library regarding shelving, preservation and dissemination of religious thoughts enshrined in these priced Granthas. Suggestions for further improvement of the library have also been put forward.

Keywords: Preservation, Sikh Manuscripts, Golden Temple.

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Innovative Practices in Academic Libraries in ICT Environment

Damodar Dasharath Waghmare¹ Sanjay R Salve²

Abstract

This is the modern era of advances in almost all fields of human growth. Emerging information explosion and the revolution in science - technology and communication are affecting day to day transactions and interactions all over the world. Worldwide social, economical, political, educational, industrial and cultural organizations are proving as backbone of the sole existence and development of human being. Libraries and information centers are playing an important role in keeping well informed these organizations and the society as whole, with most up-to-date information. Therefore services provided by such information centers are very significant. Also in this IT era, the role of the libraries and information centers has been changed drastically. They have to deal with all types of novel technology. They have to be familiar with the new and universal trends in handling the information and providing prompt as well as accurate services. In field of higher education, the Academic Libraries have vital role to play. Library of Brihan Maharashtra College of Commerce, Pune is a leading commerce library In Maharashtra, shouldering its responsibility towards catering the information requirements of upcoming leadership in the field of commerce, trade, banking and economics. In our paper, taking BMCC library as a case study, an attempt has been made to highlight the innovative practices adopted in the mode of delivering the library services.

Keywords: Academic Library, BMCC Library, ICT Environment, Innovative Practices.

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Periodical Collection Impact of Total Quality Management (TQM) in Dental College Libraries of Ghaziabad: A Case Study

Durga Prasad¹ Manoj Mehta² Jitendra Srivastava³

Abstract

The aim of this study is to analyze the use of the periodical total quality management in Dental college libraries of Ghaziabad. A well-structured questionnaire was distributed among the 150 Doctors, Residents, PG students and UG Students of all the Dental College under study. The present study demonstrates and elaborates the various aspects of periodical collection TQM in Dental College Libraries.

Keyword: Periodical Collection, TQM, Dental College Libraries

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A Paradigm Shift in Resource Collection in Technical Libraries: An Overview

Madhuri Gangal¹ Satya Prakash Singh²

Abstract

This paper tangibly reflects paradigm shift emerging from technological developments required for effective and efficient services by the academic libraries of 21st Century. The open information culture has shifted focus from subject experts and limited modes to common man's participative domain where inputs can be simultaneously added and accessed and new modes of academic libraries has great onus of quenching the quests of information seekers by incorporating the revolutionary technological changes to provide state of the art services. The paper also discusses skills and competencies for modern academic librarians to enable them to meet these challenges and finally, a way forward is recommended. This chapter is based on an in-depth desk-top review of literature and the author's own experience and points of view.

Keywords: Science Paradigms, Academic libraries in new role, Globalization of library services, Digital library management & knowledge management

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E-Book Selection and Acquisition Process: An Evaluative Study

Nabi Hasan¹

Abstract

The paper explains the eBooks and highlights the comparative features of the eBooks vs Printed Books. It elaborates the selection and acquisition processes, content format and eBook ordering. The paper discusses the various business/subscription models and licensing issues and highlights their merits and demerits. It narrates some of the benefits of buying the eBooks through aggregated eBook platform vs direct from publishers. Standardization, pricing and print on demand issues under eBooks have been explained. The paper further explores the eBook subscription issues for a Librarian and whether an eBook consortium may help in the subscription of eBooks? The paper may be very useful for those who may be interested in knowing and implementing selection and acquisition processes of eBooks.

Keywords: E-Book Selection Process, E-Book Business Models, E-Book Subscription, E-book Consortium

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Electronic Resource Management Solutions for Libraries

Pramod Sharma¹ Parveen Babbar²

Abstract

This is the age of information explosion. Libraries are subscribing all kinds of resources i.e. print as well as electronic such as e-journals, e-databases and e-books etc. It is very important to manage these resources efficiently and effectively. Electronic resources have a life cycle which start with discovery of electronic resources, trial, selection, acquisition, access and renewal or cancellation is the last stage in the life of an electronic resource . For managing electronic resources efficiently libraries has to adopt the Electronic resource Management solutions for the libraries. These ERM solutions are available as open source software as well as commercial ERM solutions. Libraries can opt any ERM solution according to their requirement and their budget. In this paper features of ERM solutions, life cycle of electronic resources and commercially and freely available ERM solutions has been discussed.

Keywords: Electronic resources, ERMS, Electronic resource management solutions, E-resources, Open source ERM solutions

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Digital Preservation and Services of Digital Sound Archives in the Library of All India Radio

Rakesh Kumar¹ V T Kamble² Hans Raj³

Abstract

Highlights the significance of preservation of rare resources and services in All India Radio Libraries providing the concept of preservation and provides an overview of sound archives and rare resources in All India Radio and its technicalities involved and finally concludes with suggestions to earmark the professionals in building vibrant Air Libraries.

Keywords: Preservation. Sound Archives, Services, All India radio

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Best Practices in College Libraries of South Assam (North-East, India): A Case Study

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Abstract

Academic libraries have a long history, starting with the chained and closed-access libraries of earlier times to present-day hybrid, digital, and virtual libraries that use latest technologies for information dissemination. Today, these libraries are surrounded by networked data that is connected to vast ocean of Internet-based services to make desired information sources accessible to the academic community – students, scholars, staff, and the faculty alike. In today's ICT learning environment, the library has been considered as a learning resource, which is performing various activities like information gathering, storage and dissemination of information. All this plays up the need for scientific evaluation of a library so that its role as the centerpiece of academic development is protected and enhanced. It is in this context that the NAAC has evolved a set of guidelines on quality indicators, to help academic libraries to be always in their best form. Best Practices are the means by which leading organizations in any field have achieved top performance, and they serve as goals for the other organizations striving for excellence. In view of the above, the present study has been undertaken with a view to know the status of the library automation among the various college libraries of Barak Valley, South Assam, and also to check best practices include application of ICT for modernization of library activities and services. The present work was carried out during June 2013 to December 2013 to make a preliminary study for conducting a comprehensive study on large scale in future. For that purpose, all libraries under the study have been taken into consideration by visiting the college libraries and conducting the interview of the college librarians to get information pertaining to the study viz. library activities, services and users opinion regarding library services. Although all college libraries under the study has already gone through the accreditation process by NACC Peer Team but it has been observed that the most of the libraries are not following the guidelines and standard parameters properly as per the NAAC requirements to facilitate the quality enhancement and sustenance of library services to a large extent.

Keywords: Library Automation, NAAC-Best Practice, Library Services, Barak Valley.

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User Relationship: Skills and Ideas for LIS Professional

Anamika Shrivastava¹

Abstract

Library is the backbone of every educational organization. Users play a very important role to established and running successfully to any type of libraries. Today, libraries have changed, library users are becoming increasingly more demanding, leads tolerant and very critical when not having their expectations met. The user is the lifeblood of every library, so when we talk about a good library services we cannot forget good user relation. LIS professionals focus especially on providing timely, quality service. LIS professional must have the ability to understand users' needs and skills to give all information with very effective and short time. Librarian is also responsible to maintain a good and healthy relationship with users. This paper discussed about need of user relationship, skills for relationship and ideas for maintain good relation with library users.

Key Words: User Relationship in Library, Skills for Relationship, Ideas for maintaining good relation.

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Competencies Needed for Digital Librarians

Anil Kumar Dhiman¹

Abstract

Digital Libraries are getting importance as the use of ICTs and Internet is becoming more available and approachable. It is observed many times digital libraries provide numerous benefits to librarians and the users but at the same time, they are also posing problems in front of library professionals. Librarians and library professionals need to be fluent not only in handling the ICT equipments but also to know the ways for providing ICT based services to their users. This all need competencies which are the set of abilities to perform a role in the organisation including the library organizations. This paper attempts to discuss ICT impact on the library and its services along with the competencies needed for the librarians and library professionals in the digital era.

Keywords: Digital Libraries, ICT Competencies, Internet Competencies.

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Expectations of User Education

Athokpam Rebika Devi¹ Mongjam Sobita Devi²

Abstract

Introduces the basic needs of the users education of Library as teacher of knowledge processers, a step by step model of users education programme plays major role in the field of implementation. Education is a never ending process and assimilation of knowledge. Library user's skill are important and essential part of education, which helps in a great deal for its continuum. As the digital age approach changes in the ways in which individuals and institutional access of information will be profound. Electronic access will increasingly provide a large proportion of current information in lieu of print and will allow access through a variety of platforms on a 24hrs basis. This paper highlights Information as needs of users a proposal of satisfaction by "Syed and Patience" and promotional role of a Librarian. Providing proactive library service requires careful examinations of current capabilities, and direction for the future. To satisfy library users it is necessary to establish conversation with them and find out their expectations through formal way of communication with the user's needs to establish and participate in library management empowers Institution.

Keywords: User Education, UEP, User Education Programme, Digital Library, Information Literacy.

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E-Learning in Higher Education: New Vistas of IGNOU

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Abstract

The dynamic development and changes in ICT has revolutionized the education scenario globally. New means and modes like e-learning is widely accepted and used for imparting education and this paper also deals with the success story of IGNOU effort in using e-learning as a mode of dissemination. The paper discusses the meaning, characteristic and technological tools used for e- learning.

Keywords: E-Learning, IGNOU, Higher Education, E - Learning

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Technology Enhanced Information Literacy: Essential Skills for the Information Age

Pragati¹ Anil Kumar Singh²

Abstract

We are living in the information age and Information technology affects everyone. Now a day's Information is the basic requirement for every human activity and it is important like food, air and water. It is the requirement of our educational system to develop user's who are not technologically literate, but also information literate. Particularly with the advent of electronic information, learners need to manage technologies knowledgeably. Information Literacy is the key competency in the Information age. Every person has a fundamental right to information literacy and information access. Technology can inform and enrich this process, including supporting anytime/anywhere learning. Technology-enhanced learning addresses information literacy which has to deal with several issues: e-resources, instructor acceptance and knowledge of technology, collaboration, and interactivity. It is a necessity for all students, staff and faculty to be accomplished as information users. Information literacy is key characteristics of lifelong learning and an essential element of higher education. Promoting information literacy skills at all levels of education is the collective responsibility of librarians and administrators. The paper discussed the concept, models and the role of LIS professionals in promoting electronic information literacy in Information age. The paper reviews the main challenges and key issues of Technology enhanced Information Literacy Findings defines that users are hardly able to make distinction between internet sources and electronic information sources. Therefore, it is necessary to teach the users to acquaint with what is available, when to use it and how to find it. So the role of library professionals is changing in this information age. Therefore there is a specific role for library professionals to play in matching the users with correct information source. Library professionals should acquire such skills in handling the information sources and users tactfully and render satisfactory information service in the fast changing digital library environment. The paper highlights the insights into the need of information literacy in technology based environment.

Keywords- Information Literacy, Role of LIS professionals in information literacy, Trends and technologies, Methods of information literacy.

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Assessing ICT Literacy Skills of Students and Research Scholars of Assam University

Pritam Dasgupta¹ Shibojit Choudhary² Mukut Sarmah³

Abstract

This study sought to assess the ICT literacy skills of the students and research scholars of Assam University, Silchar. A survey has been conducted using a well-designed questionnaire, which was circulated randomly among 150 respondents drawn from the departments of both the science, social science and humanities disciplines. Based on filled up questionnaires the data has been analysed and inferences were made based on standard statistical techniques. The study reveals that there is need to develop the ICT skills of the students and research scholars of Assam University so that they can easily retrieve and evaluate the information resources available on the Internet as well as to use these resources for academic and research purpose in a right ethical manner.

Keywords: ICT, Internet, Literacy, Information resource

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Status of LIS Education, Curriculum, Research and Training with Particular Reference to Andhra Pradesh: A Study

R Kumara Swamy¹

Abstract

This paper traces the emergence of Library and Information Science (LIS) education in India, before and after Independence. Elucidates the current status and levels of LIS education, as well as the research programme being offered by various Universities in Andhra Pradesh. Emphasizes the need to maintain uniformity and standards in LIS education, incorporates a field of professional education that provides training to future librarians to manage the Libraries and Information Centers efficiently. Also discusses the problems affecting the status of LIS education and suggests ways to solve these problems and to prepare the LIS professional to face the growing challenges of the job market with a special focus on the state of Andhra Pradesh. Paper brings out the need for including new techniques in LIS education to equip the future library managers. Also discusses the challenges faced by the LIS Professionals in changing scenario of Library and Information Centers in managing ever-increasing volume of knowledge and information. The success of an education system depends to a great extent on the support services in general and libraries in particular. Libraries not only preserve the past records of knowledge but also meet the intellectual curiosity of the users and establish a link between the past, present and future. Today, libraries are functioning in a highly competitive, dynamic and technology based environment. This requires regular updating of Library and Information Science (LIS) curriculum to meet the challenges and emerging needs of LIS job environment.

Keywords: LIS education, Curriculum, Status, Courses, Levels, Andhra Pradesh.

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Digital Libraries: Need of the Hour

Shabir Ahmad Ganaie¹

Abstract

Librarianship as a profession has become a vibrant and dynamic discipline due to the developments occurring in information and communication technologies. In order to face the challenges posed by the digital information, library and information professionals must be well versed with the skills, knowledge and must possess a positive attitude towards the technologies relevant for managing digital information. Present paper highlights the concept of digital libraries, merits and demerits of digital libraries and the competencies essential for managing digital libraries. It is suggested that library professionals not only should possess professional skills but should also have sufficient personal competencies.

Keywords: Digital Library; Skills; Competencies; Library and Information Science; Profession

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LIS Education and Curriculum Development

Shilpi Verma¹ Mega Arora²

Abstract

In today's technology driven environment, change is need of the hour and it should be adapted without delay in library and information science education and curriculum development to make the professionals competent for marketing needs. The librarians of 21st century have to prepare themselves suitable for working in network environment and should also acquire necessary skills such as leadership; exploiting information handling; communication, crisis management, team building and decision making, etc. So, the library professionals are in dire need to acquire the relevant skills and expertise to track the world of information and become competent enough to serve in a digital culture.

Keywords: LIS education, Information Technology, Curriculum Development.

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Satisfaction Level of UG/PG Students and Research Scholars Using Collection and Services of the Central Library, Guru Ghasidas University, (C.G.): A Study

Ashwani Kumar¹ Brajesh Tiwari² Jitendra Kumar Gautam³

Abstract

The purpose of this study was to investigate the factors affect the satisfaction level of the user using various collection and services of the central library at Guru Ghasidas University, Bilaspur, Chhattisgarh. The study mainly focused on the preferred type of collection and services of library. The study describes in brief about important study oriented collection and need full service providing by central library. The objectives, scope, research methodology of the study are clearly expanded. For this purpose the researchers prepared a well structured questionnaire as a tool for data collection and same responses were subjected to mathematical and statistical analysis.

Keywords: Information Satisfaction, Library Use, Use of Library- Research Scholars Central Library, Guru Ghasidas University

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Use of Information Sources by Male Post Graduate Students and Research Scholars: A Study of Kurukshetra University

Devendra Singh¹ Manoj K. Joshi²

Abstract

Time spent by male Post Graduate (PG) students and research scholars on reading and other activities in the Internet era is analysed in this study with a gap of about one year. Results revealed that subject related reading declined, especially for research scholars, while both print and electronic reading also declined for students of both classes. However, time spent on social networking by PG students revealed a slight increase. For reading subject books, all students showed a heavy reliance on print format.

Keywords: Internet; Post Graduates; Reading; Research Scholars; Time

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Information Use Pattern of Research Scholars: A study of Guru Nanak Dev University, Amritsar

Harish Chander¹ Narinder Singh Rawat² Sanjay Kumar Pandey³

Abstract

The present study examines the information use pattern of research scholars of Guru Nanak Dev University, Amritsar. It investigates their information needs, information seeking strategies, their level of satisfaction with the library collection, services and facilities, etc. A well structured questionnaire was designed to collect data. It was found that the majority of the respondents visit the library to read books and consult the journals. Most of the researchers use the library catalogue to locate information and referral service is more frequently used than other services provided by the library.

Keywords: Information Use Pattern, Information Needs, University Library, Library Use.

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Usefulness of E-Resources as Reflected Through Website Features V/S Users Demographic Profile

Jaya Kalra¹ R K Verma²

Abstract

An attempt is made to study the statistical significance of six demographic profile parameters, i.e., Gender, Organization, Status, Area of Specialization, Qualifications, and Computer Literacy Level of users with 'Usefulness' of e-resources through the websites features of three types of R&D Institutions in India, i.e., CSIR, ICMR, and ICSSR. 'Usefulness' of e-resources on the respective websites include 10 features viz. Authenticity, Clarity, Completeness, Format, Level of details, Relevance, Reliability, Specificity, Timeliness, and Topicality and are represented through appropriate questions under each feature. An online survey website, i.e., www.kwiksurveys.com, was used to collect the data. The same was mailed to 650 respondents out of which 268 (about 42%) filled up questionnaires were returned. A chi-square test was applied using SPSS package. The data analysis shows that except Gender and Computer Literacy Level all other parameters show significant difference among various groups suggesting no set and uniform pattern in using e-resources of respective websites. Besides this issue of perception of users and its relationship with features of e-resources, the major concern is how the Information managers need to explore for designing their e-contents to be more user-friendly and the extent to which users may be involved in designing the same according to their needs. It is believed that, the findings and issues emerging out of this preliminary study will provide the useful input towards streamlining the issue of standardizing the features as evaluation indicators of e-resources included in the websites.

Keywords: E-resources, Website evaluation, E-content, Users feedback

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Use of E-Resources by MMEC Library Users: A study

Kaushal Chauhan¹

Abstract

This paper describes the use of E-Resources by the users of MMEC Library, Haryana. A well-structured questionnaire was designed to elicit the opinions of MMEC Library Users. Responses were gathered from 100 MMEC Users. The result of the study provides information about purpose, frequency, Satisfaction in use E-Resources and Problems encounter while accessing E-Resources.

Keyword: E-Resources, Users, MMEC, Periodical, E-Journals, Databases, Collection.

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Satisfaction of Circulation Service by the Students of Selected Engineering College Libraries: A Study

Kothapati Kumaraswamy Reddy¹

Abstract

The study examined the extent to which the users are satisfied with the circulation service provision by Priyadarshini College of Engineering and Gokulakrishna College of Engineering college libraries in Sullurpet. The study found out that majority of students was satisfied by the circulation services provided by selected engineering college libraries.

Keywords: Engineering college library, Books, Circulation.

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Usage of E-Resources and Services by the Faculty Members and Research Scholars of Gautam Buddha University: An Evaluative Study

Mange Ram¹

Abstract

This paper discusses an effort has been made to identify with and awareness about electronic information resources in Gautam Buddha University by the Faculty & Research Scholars of various discipline. In order to bring the genuineness a questionnaire and interview used to collect the appropriate information. The Gautam Buddha University Library provides the WEBOPAC/OPAC, DVD/CD-ROM data bases and Internet services. Study showed that Users of the Gautam Buddha University use the electronic information resources for their curriculum, research and development activities. A small number of users view that accessing e-journals slows access and sufficient Internet machines in GBU.

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Awareness and Use of E- Resources among Under Graduate Students, Post Graduate Students and Researcher Scholars: A Study of Chennai Metropolitan Area Engineering Colleges, Tamilnadu.

G Muruganandham¹ N Murugesapandian² R Selvaraju³

Abstract

The Paper aims to assess and evaluate the exposure of Information and Communication Technology (ICT) and use of e-resources by the students and researcher scholars of Engineering Colleges in Chennai Metropolitan area of Chennai in Tamil Nadu. Besides that it aims to highlight the problems encountered by the students and research scholars and also suggest some remedial measures for the improvement. The authors investigated the use of e-resources through a survey based structured questionnaire. The sample size was 110 (Under graduate Students – 64, Post graduate students – 28 & Researchers – 18). The study confirmed that students and research scholars of Engineering colleges in metropolitan area, Chennai are aware of E-resources, and use various types of e-resources, e-databases and e-journals. The study suggests for the improvement in access facilities with subscription of more e-resources, to develop infrastructure facilities, provide more number of systems and to conduct regular training programmes for library staff.

Keywords: ICT, E-Resources, E-Journals, Usage-E- Resources, User Opinion.

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Use of E-Resources and Internet by Students of KMC Central Library, Mangalore

Pooja¹

Abstract

The digital resources available in a library play important role in facilitating access to the required information to the user in a suitable manner. Further one need not go to the library to make use of print formats as the digital resources can be made use of by any user through On-line access via networks or verification methods at any time by comfortably since the web-based electronic resources have become most popular tools in academic research. The ease of access and simplicity of use provided by electronic resources made it easier for researchers to access and share scientific knowledge. Today, the use of online electronic resources has become widespread in almost all fields of scientific research. Electronic publications are rapidly replacing printed materials in personal, professional, and educational collections. Libraries have replaced many, if not most, titles in their journal collections with electronic subscriptions, and many books are now available in digital format. With laptops a handy tool for many students, electronic books in various formats often replace some or most textbooks. For numerous reasons, including environmental preservation, cost savings, convenience, and flexibility, schools prefer digital textbooks over printed books. This study gives a brief description about the use of E Resources and Internet by the students of KMC Central Library, Mangalore

Keywords: Information, Seeking, E-Resources, Computer, Internet, Online resources, Databases

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A Comparative Study of the Services Provided by the Selected Public Libraries in Delhi in ICT Environment: A Study

Rajkumar Patton¹ Leimapokpam Tikendrapriya Devi²

Abstract

This paper focuses on the services provided in the Selected Public Libraries in Delhi in context to ICT environment towards users. Data was collected through a questionnaire among the users from Delhi Public Library and Max Mueller Library. The study finds that the used of ICT Applications are increasing among the public libraries and are aware of the ICT services provided in the following libraries. The demand of the ICT services and implementation is increasing day by day in this library. The study suggests that for the optimum utilization of the ICT services, libraries should undertake the literacy/orientation programme on regular intervals for their clientele about the various ICT Applications its tools and Services.

Keywords: Information and communication technology, ICT, OPAC, Internet, Electronic Resources, Information Technology, computer, Telecommunication

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Impact of Internet on Library and Information Services of Guru Nanak Dev University, Amritsar: Case Study

Vishwasjeet Rajbanshi¹ Sharad Kumar Sonker²

Abstract

The case study investigated the Impact of IT on Library & information Services of Guru Nanak Dev University, Amritsar. The study shows the brief information about Guru Nanak Dev University and Bhai Gurdas Library, Amritsar. It also highlighted the departmental Libraries and number of registered library users. It also highlighted purpose of using IT enabled library services, various aspects of Internet usage and problems faced by the library staffs. This study also determine the satisfaction level of users online database service, reference services, online database services and infrastructure facilities. It also explored the Year wise breakup of library Budget under various heads. The Library Collection, services and purpose of using the Information Technology in the library also explained.

Keywords: Internet Use, Library Services, GNDU Library, Impact of Internet

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Marketing Possibilities of the Information Products in Technical Institutions: A Case Study among the Research Scholars of National Institute of Technology, Silchar

Nilratan Bhattacharjee¹

Abstract

Information market is the market for digital information circulated via networks. For the introduction of a new product by any organization understanding the marketing possibilities is a pre-requisite. This paper highlights the marketing possibilities of some of the information product among the research scholar of NIT, Silchar. The marketing possibilities are verified by receiving the responses from the research scholars on their purchase intention and need level. The present study is a survey based study and the study has been conducted on a sample of 180 research scholars with a self-designed questionnaire, prepared by the researcher himself. This paper also describes the concept and the meaning of Information marketing by giving some definitions. The result of the study reveals that the research scholars are very much interested in the marketing of information products and services and they are ready to pay for them if libraries will provide useful information product and services. The study shows that Full text articles are the most preferred information product among the research scholar.

Keywords: Information Product, Information Market, Research Scholar, Bibliography, Research Bulletin.

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Successful Management of Libraries: The Role of Marketing

R K Bhatt¹ Garima Gaur² Yashu Garg³

Abstract

The papers explain the Concept of Marketing and Defines Marketing. Explain the marketing strategy as Marketing planning, Marketing research and analysis, Marketing Orientation, Marketing Mix. Discuss the need of marketing for library and information Services in detail. Describes various promotional methods and factors influencing marketing promotion and library promotion

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Marketing of Library and Information Services: A Solution for Sustainability

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Abstract

Libraries are knowledge institutions and these knowledge institutions are facing problems in their sustainability because of various challenges such as dwindling budgets, changing of media of information from print to electronic and rising cost of resources acquired by the libraries. To overcome all these challenges, marketing of library and information products and services will be a strategic solution. Marketing will help libraries in gaining self-sufficiency and recognition by the organization and the society. The aim of marketing is to provide right service to the right user at the right time. The products and services should be value-added and user-oriented. This paper deals with the need of marketing in libraries, marketing process, different products and services in market by libraries, 7Ps of marketing mix and the implications of famous Ranganathan's laws in marketing.

Keywords: Information, Information Technology, Marketing, Marketing-mix.

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RFID Technology in Automation Library: Challenges and its Application

Jeetendra Kumar Behera¹ Manju Dahiya²

Abstract

Radio Frequency Identification (RFID) is one of the fastest growing and most beneficial technology being adopted by both industry and libraries. Radio Frequency Identification is a new generation of Auto Identification and Data Collection Technology which helps in the identification of a large number of tagged objects like Documentations of the library by using radio waves. Libraries began using RFID systems to replace their electro-magnetic and bar code systems in the late 1990s. The key goal of this paper is to promote interoperability, where RFID systems or products work with other RFID systems or product without special effort or intervention on the part of the customer across the supply chain. This will create institutional and supply chain efficiencies, reduce component cost and improve return on investment in RFID technologies. As it grows in size the problems associated with the maintenance and security of the documents also grow. The RFID chip or tag as it is called can hold a substantial amount of data, which will normally include an identifier of the kind which is currently found as a barcode. Additionally, it can contain data for unique identification in an inter-library loan scenario; data such as ISBN, class mark and title which can make stock control easier. The latest chips can be written dynamically so that the data model can be updated as the state of the art in data model advances. The paper focuses on the introductory concept of RFID, discuss in detail the merits and demerits of RFID technology. Describes how application of this technology can enhance the efficiency of library services and operations. **Keywords:** RFID Technology ; RFID Applications-Libraries; Circulation Systems; ISB

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Human Resource Management of Academic Libraries

Murlidhar S Hedau¹, G R Pawar², J N Wakude³

Abstract

Human Resource Management (HRM) is a relatively new approach to managing people in any organization. People are considered the key resource in this approach. It is concerned with the people dimension in management of an organization. Since an organization is a body of people, their acquisition, development of skills, motivation for higher levels of attainments, as well as ensuring maintenance of their level of commitment are all significant activities. These activities fall in the domain of Human Resource Management. This paper highlights The Human Resource Management in Academic Libraries. In this paper The Human Resource Management of Academic Libraries has been discussed in detail.. Academic Libraries play a vital role in higher education and research. The complexity of the 21st century world has speeded up the pace of evolution, and those who cannot learn, adapt and change simply will not survive. The paper describes the basic objectives of Human Resource Management and nature of Human Resource Management. Discuss in detail the managerial and Operative Functions and Explain the scope and need of Human Resource management in Libraries.

Keywords: Human Resource Management, HRD, HRD- Functions, Academic Libraries

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Library 2.0: The Social Library

Ragini Sagar Vinod Kumar

Abstract

The concept of Library 2.0 is borrowed from that of Web 2.0 and Business 2.0 and follows some of the same underlying philosophies. Defined library 1.0 and Library 2.0. Library 2.0 encompasses a range of new and contemporary technological tools and techniques that are used for evolving collaborative environment required for Library 2.0. These tools and techniques can broadly be grouped into five categories, i.e. i) Synchronous Communication: Instant messaging; ii) Content Delivery: RSS Feed, HTML Feed, Streaming Media, Podcasting, Vodcasting and SMS Enquiry Services. Use of social library in library 2.0. Social libraries are the next generation library application. They represent a significant opportunity to preserve knowledge assets and to enhance the value of information resulting in improved productivity and organizational effectiveness. social library social online public access catalog (**SOPAC**),online public access catalog(**OPAC**) changing role the librarian, social libraries important, Impact to social technologies in the library world, steps toward a social library.

Keywords: Web 2.0, Library 2.0, IM, RSS, SOPAC, OPAC, Social Library.

Impact of ICT tools in Higher Education

Rajesh Kumar¹ Y N Prasad²

Abstract

In this paper, different tools of developments in ICT which made a significant impact on all spheres of human life has been disussed . The impact was found prominent in case of service activities such as banking, health, transportation, education and libraries. The ICT's has tremendously changed the management resources as well as the way of service deliveries. However, general IT application tools and integrated library management systems were largely used in housekeeping operations like acquisition, cataloguing, circulation control, serials control, etc. Internet has been used extensively as a resource tool to deliver the LIS of higher education. It also deals with impact of ICT on different types of service provided by the libraries.. The hindrances and barriers during implication of ICT was also discussed. Barriers of ICT application in higher Education and Libraries such as Lack of resources, Insufficient Fund, Lack of teacher's competence, Social Factors, Negative and positive attitudes with ICT, Lack of knowledge and skills, Lack of training, Lack of Technical support are discussed in detail.

Keywords: - Information Technology, Information Communication Technology

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Manpower Planning for Better Productivity with Special Reference to LIS Profession

Satish Kumar¹ MP Singh²

Abstract

Systematic way helps to gain the objectives. Many of the library institutions and organizations have developed already with the help of proper manpower planning. Manpower planning is the process of utilization of human resource. Manpower planning is a primary task for any organization. Manpower planning is essential for productivity and organizational effectiveness and efficiency because it acquires best manpower, focuses on business objectives, utilizes human resources, develops human resources, reduces uncertainty and labor cost, continuous production, preserves good business relation, and controls human resources. The paper discusses the objectives of manpower planning in library and information centres, need of manpower planning, benefits of manpower planning, Important Process Involve in manpower Planning: Induction and Training, Performance appraisal/ Evaluation, Motivation and Creation. Manpower planning is most important in terms of organizational productivity and quality. It brings the organization in a state that it can lead towards its goal and fulfill their objectives. Training, Motivation, Performance appraisal, recruitment & selection are important factors to improve the efficiency of human resource and organization. Manpower planning is essential for better managerial functions, higher productivity, better utilization and efficiency of human resource, better organizational environment, better relation among the authority and employee. Manpower planning plays a vital in any organization. The process of manpower planning produces such outcomes that develop productivity; the employees may become more capable and their presentation may be more effective and contribute greatly to the total organizational development and the success of a business that depends upon quantity and quality of human resources.

Keywords- Manpower Planning, Human Resource Developemnt,

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Open Access Initiative has bridged the Gap between Information Rich and Information Poor Countries.

Trupti Parida¹

Abstract

This paper discusses about open accesses initiative in the era of information by analysing comparatively the role of open accesses in the information rich and information poor countries. This paper explains the meaning and nature of open accesses and its changing nature in developed and developing countries. The importance and usefulness of open access literature have been realized throughout the world. Various nations are taking up the issue seriously. Different open access statements and declarations have been made in various countries in this decade. most scholar societies interested in experimenting with Open Access Journals are little aware of the intricacies of this domain, a support organization comprising of Open Access publishers is the need of the day. This would enable more Open Access Journals from developing countries emerge successful, both regionally and internationally.

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Copyright for Librarians: Basics, Concepts, Issues and Future Prospects

Mohd Tasvirul Islam¹

Abstract

Intellectual property will no longer be seen as self contained domain, but rather as an effective policy instrument that would be relevant to a wide range of socioeconomic, technological and political concerns. The development of skills and competence to manage IPR and leverage its influence will need increasing focus. With the emergence of strong, global and national intellectual property regimes, the Intellectual property rights (IPRs) and their protection has become a central issue in economic development, protection of traditional knowledge and scientific and technological development, protection of traditional knowledge and scientific and economic cooperation between industrialized and developing countries.

Intellectual property refers to creations of the mind, inventions, literary and artistic works, and symbols, names and images used in commerce. Intellectual property rights protect the interests of creators by giving them property rights over their creations. This paper provides an introduction of Intellectual property right and their types; it explains copyright and related rights. It also explains the fundamentals underpinning copyright law and practice. It describes the different types of rights which copyright and related rights law protects, it explains the status of copyright in the international and Indian scenario, it also discusses copyright licensing and related aspects of licensing, and explains infringement of copyright, Copyright Infringement, finally it discusses copyright issues for libraries and librarians as well as the limitations on those rights.

Keyword: Intellectual property right, Copyright, E-copyright,

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