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S.B.E.S. College of Science believes in Mission “*Karmache Dole Gyan, Te Nirdosh Hoaave.*” Meaning “*Karma*” is needed to be followed by “*Vision*”, Vision need to be absolute.

S.B.E.S. College of Science, Aurangabad is run by Shri. Saraswati Bhuvan Education Society, Aurangabad. The society was established in the year 1915 and recently celebrated 100 years. The institute is committed to social and educational reforms. It has provided education facilities in Marathi to the students of the region, especially girl students, during Pre-Independent days and continues the mission till today

Great freedom fighter Padmvibhushan Late. Govindbhai Shroff, Veteran Parliamentarian Late Dr. Bapusaheb Kaldate and Educationist Late Prof. Dinkar Borikar, Barrister Jawaharlal M. Gandhi are the Ex-Presidents of the institute and source of inspiration. Presently, Hon. Shri Ram Bhogle is our Honorable President under his able guidance the institute is leading ahead to achieve the goals. Dr.Nandkumar Ukadgaonkar is secretary of SBES Education society is always supporting the institute for development

S.B.E.S College of Science was established in 1963 and from the beginning the institution has blossomed into one of the leading science college in this region. Our college celebrated 2013-14 as Golden Jubilee year NAAC Awarded Four Stars status to the college in the first accreditation in November 2001 and 2014 college was reaccredited with A Grade. The college is as having under graduate courses, post graduate courses, four B.Voc. & 11 Short Terms Courses out of which four courses are value based & remaining are skill based courses.

A well equipped and well managed library is the foundation of modern education structure. The import ants of library in a education can be appreciated properly and precisely only if we try to understand the changing concept of education. Education and library are twin sister’s rather True lovers and one can not live apart from the other. S.B.E.S College of

science has the Pride Library situated at the top Floor Possessing 6,500 Sq.ft. area having a very good collection of 40,000+ information resources to provide Traditional services like Current awareness service and Selective Dissemination of information service. As well as in the form of modern services library has Audio visuals and the access to E-Resource Databases Subscribed by Dr. Babasaheb Ambedkar Marathwada University Library which conclude 1,49,839 e-Books and 81,509 E-Journals. To fulfill the changing demands of the users Library is always prepared to provide various facilities like Book bank scheme, user orientation program, Book exhibition, Display of new arrival, news paper clipping, and Separate Internet lab to the library users to access Web OPAC and E- Resources. Taking the help of Social media library has open the what's App groups for user to update there Knowledge by giving the current information on the group such as E- Newspapers, and contents of periodicals. S.B.E.S College of Science library is always ready to achieve the vision and mission of the institution.

Preface

Evolution of information and knowledge has impacted all organization including libraries the rapid advancement the means of has changed the way of handing, storing and disseminating the information the digital revaluation has altered the intellectual functions of libraries and information managers. The huge data, which is been created in database system is of no use if not been handled and store properly. the information manager have to play a significant role in managing internal as well as external resources so that the scholars' , researchers and faculty of an academic institute can make optimum use of the available data resources to carry out there research work . Technology is changing the nature of Libraries and Librarians. The library services are transitioning form local traditional collections to global resources provided via the most advanced networking technologies. Information technology is considered to be a great enabler of quality, efficiency and effectiveness leading to economic progress. Modern library serves as knowledge and skill development center. The libraries are continuously facing transition to switch over to latest technologies so as to satisfy the ever changing intellectual expectations of society.

Librarians are traditionally associated with recorded information. With the advent of the internet, now it is possible to retrieve information independently from the library without walls or the virtual Library.

Libraries of all types are challenged to provide greater information access and improved levels of services, while coping with the pace of technological change and ever increasing budget pressure. As a result there is a need to discuss the required skills to organize the modern libraries. Hence it was decided to organize the National Seminar on “Library as a Knowledge and Skill Development Center”.

The Theme is broadly classified in the following streams viz Skill development for 21st Century, Library rescaling, I.T. applications and rescaling, Role of Librarians in rescaling/ learning skill/skill enhancement, Library resources for 21st century, Automation and Artificial intelligence in Libraries., Role of Libraries for start ups, Social media tools, Information Literacy, Social Networking, Massive open online courses(MOOCs), Library and Library Profession, Open Distance Learning (ODL) in LIS, Library Services and Utility, Preservation, Publication and Sharing of Knowledge, Next Generation Library Infrastructure, Innovations and best practices in Knowledge Resource Center.

The seminar is intended to bring together information professionals, Researchers, Students and eminent professionals in the field There was excellent response to contribute papers in this seminar. There were 150 papers received and finally 125 papers selected for full text publications.

I sincerely acknowledge with thanks to the backing of Shri Saraswati Bhuwan Education Society, Patron Honorable President Shri Ram Bhogle, Honorable General Secretary Dr.Nandkumar Ukadgaonkar for their able guidance and Principal Dr. Pradip Jabde for encouragement.

I am thankful to Dr.Babasaheb Amedkarkar Marathwada University, Aurangabad for financial support.

My sincere appreciation goes to the entire team of S.B.E.S. College of Science besides the members of Editorial Members of organizing committee for their whole hearted support and encouragement.

At the end, I Appreciated the support received from Library Professionals and college Librarians throughout the nation. I would like to Thank to Dr. Sonal Singh, Dr.Mohan Kherde, Dr.Dahibhate N.B., Dr. Veer D.K., Dr. Kishor Ingle, Dr.Jagdish Kulkarni ,Dr.Shashank Sonwane for their valuable Guidance.

I am also thankful to teaching, administrative staff of the college, my technical assistant Mr. Pratap Panchal, Mrs Gouri Nirantar and entire team of S.B.E.S College of Science Library for their timely help.

I hope that the intellectual outcome of the seminar which is publishing in e journal will be helpful to update the knowledge of Library & Information Science Professionals.

Date : 24th and 25th Jan.19

Place : Aurangabad

Dr. Daya T. Patil (Dalve)

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USE OF E-RESOURCES IN ACADEMIC LIBRARY

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Abstract: - *The present paper discusses with the use of e-resource in academic Library. In modern information technology era techniques are rapidly change in all aspects. Now the digital resources are readily available from many sources and those contents are available by the teachers and learners through the internet. E-Resource is available free on the web. Selection of proper resources is a really challenge.*

Keywords: E-Resources, e-journals, e-books, Academic Library.

Introduction:

E-Resource is free as well as paid. E-Resource is helping for the teaching level very effectively. Library and information services are always helpful for increasing quality in higher education now a day we have adopted new method in libraries to handle digital information in the world of globalization every country should prove its ability to develop its teaching institution for that libraries play key role in the concerning institution internet has radical change libraries are making extremely important part of the modern culture and contain many materials that should be preserved for future. E-resource will provide the library services to a busy user at his residing place and at any time.

Web based electronic resources share wildly available beginning in the mid 1990's. Libraries offered web based catalogues, bibliographic and full text database, electronic journals and eventually electronic books through the web. Patrons no longer had to go to the library to do a significant amount of their research.

In the modern digital era most of the library collection will be e-resources. Dissemination of information services to their users. Electronic resources are made available on internet in most of the discipline of knowledge.

E-Resources:

Any electronic product that delivery a collection of data it may be text referring to full text data base electronic journals image collection

and others multimedia product's and numerical graphical or time based as commercially viable title that has been published with an aim to being marked.

The resources of libraries which are available in electronic form are called e-resources and resource are defined those electronic information resources and services that users can access electronically via a computer network from inside library of outside library. Now a days students and faculty members are using e-books, e-journals and e-resources in addition to print books. They are mostly dependent on internet.

Need of e-resources:

1. Stored in huge amount.
2. To get access to information sources are the more than one user.
3. Amount of time spent on the use.
4. These can be found easily be the user.
5. Searched quickly.
6. Collected, storage, organize information in digital form.
7. To promote efficient delivery of information economically.
8. Analysis the purpose of using be respondent.

Advantage of e-resources:

Following are the advantage of e-resources:

1. Speed of access of latest information.
2. Quick searching.
3. It can be updated more easily, reduce storage space.
4. It does not require physical processing.

5. It eliminates printing and postage cost.
6. It can be used by many users simultaneously.
7. Ability to implement multimedia elements.
8. Downloading to any device.
9. Linking from one to other resources.
10. **Multi-access:** A networked product can provide multiple points of access at multiple pints round the clock and to multiples simultaneous users.
11. **Functionality:** E- resources will allow the user to approach the publications to analyze its content in new ways by clicking of the mouse on search mode.
12. **Content:** The e-resources can contain a vase amount of information, but more importantly the material can consist of mixed media i.e. images, video, audio animation which could not be replaced in print.

Disadvantage of e-resources:

Following are the disadvantage of e-resources:

1. Initial high infrastructure and installation cost.
2. Printed books are not used.
3. Use of electricity and internet.
4. The fact that, e-resources require special devices or personal computers can be looked as a disadvantage. Many e-resources are typically produces to be compatible for certain software which in turn may be not easily available. Since e-resources are dependent on other

equipment's, certain hardware or software failure may affect it. Unless the hardware, Internet connection or battery power that is required by an e-resource reader is readily available, then its electronic document is useless. In addition, e-resources depending on hardware and software and are more easily damaged than a printed book.

5. E-resource reading devices are surely more expensive than printed books. All devices of e-resources require power. There is a growing concern that the e-resources at present may not be accessible or compatible to the futures e-resources software or devices.
6. Screen glare and eyestrain are a serious concern for many potential users of e-resource technology. A major worry of reading from an e-resource reader could hurt the eyes. The display resolution of computer screens and electronic devices is considerably less than the print quality produced by a printing press.
7. Reading from a computer lacks the familiarity and comfort of reading from a book. A paper book can be opened and flipped; through, while an electronic text is more difficult to navigate.
8. E- Resources have unreliable life span. Paper has a much longer life span than most digital forms of storage. Because of the rapid development of new computer systems it is difficult to judge whether the

software or hardware will become outdated. As new hardware is developed, structures must be put into place to allow for the migration of existing materials to the new platforms so that they can still be accessed. Methods of preserving the electronic document must also be developed. A high degree of reliability of the equipment must be a part of the electronic devices that handle the replacements for printed books.

9. Many titles that are available in traditional print books are not yet available in an electronic book format.
10. New technologies always require time, experience, and money in order to take full advantage of its capabilities.

Types of e-resources in academic libraries:

One of the major developments in libraries and information systems in the advent and spread of electronic information resources, services and network as a result of developments in information and communication technologies. The various types of e-resources are:

1. **E-journals:** e-journals may be defined any journal, magazine, newsletter or serial publication available over internet in electronic format. The journals which are available in electronic format/media like www; some are available on online; some may available both in electronic media and in print media.
2. **E-books:** e-books are comprised of any book or monograph of text made available

in electronic form. E-books are appearing under e-resources. Some books are published in print form as well as in e-book format while some are beginning to be available only in electronic format.

3. CD-ROMs: CD-ROMs can be used on an individual computer with a CD ROM drive or they can be mounted on a local network searched by a large number of users. The demand for CD ROM technology continuous to increase and most of the libraries offer information tools in CD-ROM.

4. E- Thesis and Dissertation (ETD): ETDs are digitized version of thesis and dissertations. Resources for graduate students who are writing these or dissertation and jointly published in online are called e-thesis and dissertation.

5. Other Electronic Resources:

a. E-papers opened a new paradigm for paperless society. Though e-papers; it is possible to broadcast the documents to large numbers of recipients through online communication systems.

b. E-reference resources: e-reference resources like maps, atlases, encyclopedias, directories, bibliographical sources and translation services.

c. E-content pages: provide desktop access to the digitalized content pages of books, conference proceedings, journals etc.

d. Multimedia Digital Sources:

Multimedia digital sources are the resource in combination of two or more media such as text, images and animation, audio and videos.

6. E-Databases: A Database is a collection of related items of information held in a form intelligible to the computer, these items may be references to journal papers and they may be the full text of journals papers. **The e-databases may be of two types:**

a. Non Bibliographic Database: it is also referred as data bank of fast banks; databank is used by a number of Indian institutes for their information storage, processing and retrieval purpose.

b. Bibliographic Database: Bibliographic database contains a file of document description that are records, one can use for deciding whether to search for the document itself etc. examples are COMPENDEX, MEDLARS.

Role of E-resources in Academic Library:

Electronic resources are in valuable research tools which complement print based resources in any traditional library. Electronic resources provide access to information that might be restricted to the user because of geographical location or finances.

Electronic resources also provide access to current information as these are often updated frequently. Though their various search techniques, electronic, resources, provide extensive links to explore additional resources or related content. Electronic resources are considered as an important resources of teaching, research and training.

Role of Librarian:

In the present electronic environment, academic libraries, are required to work independently or as a team to deliver service oriented and user centered application, instructions, programmers, projects and services.

Conclusion:

“The global area is demanding library as 24X7 working centers. So it is very necessary to changes the traditional librarian to the techno crack librarian. The addition of e-resources proves true to the age old principal that every reader should get information at any time”

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