

## Electronic – Resources

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### Abstract:-

In today's technologically advanced era, e-resources have revolutionized the way information is accessed & shared. This abstract delves into the concept of e-resources, its definition & types of e-resources of every day use. E-resource encompass a vast array of digital materials, including e-books, E-journals, scholarly articles, databases, multimedia, content & educational, among others.

This abstract highlights the key benefits of e-resources, its advantages & disadvantages for its users etc. It discussed the role of libraries, educational institute & online platforms in durability & dissemination there digital assets, enhancing accessibility & including for & researchers worldwide.

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Date of Submission: 20-09-2023

Date of Acceptance: 05-10-2023

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### I. Introduction:-

The advent of digital technology has revolutionized the way information is accessed, stored & disseminated giving rise to a new paradigm in the field of library science – electronic resource encompass a wide array of digital materials that libraries & information centers provide to their users, augmenting traditional print collection & services. These resources including but are not limited to e-books, online journals, databases, digital archives multimedia content & web-based tools.

The emergence of e-resources has profoundly impacted the landscape of library service, enabling libraries to transcend physical boundaries & reach a global audience. With the proliferation of internet connectivity & digital devices, users can now access a vast reservoir of knowledge & information anywhere. This transformation has not only streamlined research & learning but has also redefined the roles of librarians & information professionals in curating & managing digital collections.

The digital age has presented libraries with unprecedented opportunity & challenges. As technology continues to evolve, e-resources will remain a digital abstract of modern library services, shaping the way information is discovered, shared & processed. By understanding the dynamics of e-resources in library science, we can better equip libraries & information professionals to meet the diverse needs of their patrons & insure access to the wealth of knowledge in the digital era.

### Definition of E-resources:-

#### 1. According to AACR2(Anglo American Cataloguing Rules) :-

“An electronic resources is material (data or programs) be encoding for manipulation by a computerized device. This material may require the use of peripheral directly connection to a computerized device (e.g. CD-ROM device) or a connection to a computer network (e.g. the internet).”

#### 2. According to gradman glossary, :-

“ A publication in digital format which must be stored and read on a computer device. There are two types :- CD-ROMS, diskettes, computer tapes etc.

#### 3. According to library & information technology glossary :-

“ term used to describe all of the information product that a library provide through a computer network “.

### Types of E-Resources:-

1. **E-book:-** These are digital version of book that can be read on electronic devices such as , e-readers, tablets, computers or laptops, etc.

- **Advantage:-**These are portable, space-saving, accessible anytime, adjustable font size, interactive features like annotations & search functions.

- **Disadvantage:-** these reads to increase in dependence on electronic devices & sometime it reads to eye strain due to long time screen contact etc.

**2. Online Journals & Research Databases:-** E- journals are online publication containing academic articles & research papers are digital repositories of academic through internet.

- **Advantage:-**
  - It helps to get quick access to a vast array of scholarly information.
  - Remote access to data from anywhere with an internet connection.
- **Disadvantages:-**
  - Some resources may require subscription or payment to get access.
  - Limited offline access & potential restricted access to full articles.

**3. Digital Magazines & Newspapers:-** There are digital version of printed magazines & newspapers accessible on various platforms.

- **Advantage:-**
  - It helps to get instant access to current news & article of various platforms.
  - It is eco-friendly as no paper is used.
  - It also have multimedia content like videos & interactive elements.
- **Disadvantages:-**
  - Limited offline access.
  - Potential subscription cost.
  - Reliance on stable internet connection.

**4. Online videos & webinars:-** There are a vast array of video content & live webinars available on various platforms like YouTube swayamprabha etc. Helping people to get knowledge of every subject useful for them. It has videos of different genre from education purpose to of entertainment & lifestyle workout etc.

- **Advantage:-**
  - Visual & auditory learning
  - Flexibility in accessing content anytime, anywhere.
  - Ability to pause, rewind or replay the content or lectures whenever needed.
- **Disadvantages:-**
  - Internet connection required for streaming.
  - Lack of direct interaction with the presenter or instructions in pre-recorded videos.

**5. Online libraries & archivers:-** Digital repositories of historical document, photography and multimedia materials.

- **Advantage:-**
  - Preservation & easy access to valuable historical content such as document & multimedia.
- **Disadvantages:-**
  - Copyright restrictions on some material.
  - Potential inaccuracies or incomplete information.

**6. Educational websites & learning platforms:-** There are various websites & platforms offering educational courses, tutorials & learning resources on fingertip.

- **Advantages:-**
  - Self – paced learning.
  - A wide range of topics & courses available.
  - Interactive exercises & quizzes in different formats to make learning fun, exciting.
- **Disadvantages:-**
  - Quality & credibility may vary among different platforms.
  - Limited personal interaction with instructions.

#### **Need of E-resources:-**

e-resources or electronics resources, are essential in today's digital age for various reasons:-

- **Accessibility:-** E-resources can be accessed from anywhere with an internet connection, making them convenient & available 24/7.
- **Information abundance:-** E- resources provide vast amount of information, including articles, e-books, videos & research papers, expanding the knowledge base for users.
- **Cost-effective:-** Using e-resources can often be more economical compared to purchasing physical books or attending traditional courses.
- **Time – saving:-** instant access reduced information through e-resources reduced the time required for research & learning.
- **Environmental impact:-** Digital resources have a smaller carbon footprint compared to printed material, contributing to environmental conservation.
- **Updates & revisions:-** E-resources can be easily updated ensuring the latest information is available to users.

- **Interactive feature:**-Many e-resources offer interactive elements, such as quizzes, simulation, & multimedia, enhancing the learning experience. Overall, e-resources play a vital role in education, research, & personal development, offering a multitude of benefits to individuals & institutions.

#### Advantages of e-resources:-

- **Accessibility:**-E-resources are available 24/7, allowing users to access information from anywhere with internet connection.
- **Convenience:**-They eliminate the need for physical visits to libraries or bookstores, making research & learning more convenient.
- **Vast information:**-E-resources provide access to a vast amount of information, including books, articles, journals & multimedia content.
- **Search ability:**-Electronic resources usually have robust search features, enabling users to find specific information quickly & efficiently.
- **sustainability** :-Digital resources reduce paper consumption, making them more environment friendly than printed materials.
- **Collaboration opportunities:**-online platform & resources enable users to collaborate, share knowledge & engage in discussion with others globally.
- **Space saving:**- With e-resources there is no need for physical storage space, making ideal for individuals & institutions with limited storage capacity.
- **Preservation:**-Digital resources can be stored & preserved for future generations, minimizing the risk of physical deterioration & loss of knowledge.
- **Customization:**-Some e-resources offer personalization options, allowing users to tailor the content to their preferences & needs.

#### Disadvantages of E-Resources:-

- **Access & connectivity issues:**-Not everyone may have consistent internet access or access to necessary devices, limiting their ability to utilize e-resources effectively.
- **Dependence on technology:**-Technical glitches, system failure or cyber attacks can disrupt access to e-resources, hindering research & learning.
- **Limited interaction:**-E-resources may lack the personal interaction & engagement that traditional learning methods can provide.
- **Cost & licensing:**-Acquiring licenses for certain e-resources can be expensive, especially for institutions or individuals with limited budgets.
- **Copyright & piracy concerns:**-E-resources can be vulnerable to copyright infringement & unauthorized distribution, leading to legal & ethical issues.
- **Journal incompatibility:**-Different e-resources may be in different formats, leading to compatibility issues across devices or software.
- **Distraction:**-The online environment can be distracting making it challenging to stay focused on specific research or learning tasks.

## II. Conclusion:-

E-resources have become an indispensable part of modern life. These digital resources, such as online databases, e-books, e-journals & online learning platforms, have revolutionized the way we access and share information. They offer convenience, accessibility & a vast amount of knowledge at our fingertips. E-resources have transformed various industries, including education, Research, business & entertainment, making them an essential tool for personal & professional growth in today's digital age. Embracing the potential of e-resources & addressing associated challenges will undoubtedly shape the future of digital learning & information sharing.

Bhuleshwari sahu , et. al. " Electronic – Resources." *International Journal of Humanities and Social Science Invention (IJHSSI)*, vol. 12, no. 10, 2023, pp. 07-09. Journal DOI- 10.35629/7722