

## Use of e-Information Resources by the Science students of Dr. CVRU University, Bilaspur and Kalinga University, Raipur, Chhattisgarh

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### Abstract

An electronic information resources is defined as a resource which require computer access or any electronic product that delivers a collection of data, be it text referring to full text bases, electronic journals, image collections, other multimedia products and numerical, graphical or time based, as a commercially available title that has been published with an aim to being marketed. These may be delivered on CD ROM, on tape, via internet and so on. Over the past few years, a numbers of techniques and related standards have been developed which allow documents to be created and distributed in electronic form. Hence to cope with the present situation, librarians are shifting towards new media, namely electronic resources for their collection developments that the documents of users are better fulfilled. The e-resources on magnetic and optical media have a vast impact on the collections of University libraries.

E- Information resources is that "Information (usually a file) which can be stored in the form Electrical signal usually, but not necessary on a computer".

Based on their satisfaction in search tendency and use of e-information resource received by readers in the academic university library topic has been researched in which the information search trend of readers in the use of electronic resources significance has been stated. Further in the present context, information search trend in the Central Libraries Dr. CV Raman University and Kalinga University, Kotni, Raipur (Chhattisgarh).

**Keywords:** E-information Resources; Library services; Dr. C.V. Raman University Bilaspur and Kalinga University; Raipur.

### Introduction

E- Information resources are the resources in which information is stored electronically and which require electronic systems/ devices and networks to access and use. The term 'E- information Resource' is a broad term that includes a variety of different models like, e-journals, e-books, online databases, CD-ROMs, e-mail publishing, Online Public Access

Catalogues (OPACs), etc. Hence, in this context, the term EIRS (E- information Resources) means "an electronic product that delivers a collection of data, be it text, numerical, graphical or time based as a commercially available resource that has been published with a sole aim to be marketed and for information dissemination." The Electronic Information Resources refer to those materials that

require computer access or any other electronic devices. The Electronic resources may either be accessed remotely via the Internet or locally.

## Objectives

The objectives of the research study presented are as follows:

1. To introduce about Dr. CVRU and Kalinga university.
2. To find out the importance of e-information resources.
3. To find the use of E- information resource.
4. To know the awareness of E-information resources.
5. To find out the level of satisfaction of the users.
6. To get information about types of electronic means.
7. To observe the problems faced by the users and the benefits while using E-Information resources.

## Research Methodology

The importance and characteristics of e-information content stored in libraries and their ideas and the way in which E-information Resources are being used in the central library's Dr. CVR University and Kalinga University for research and study presented data collection has been done by random method by preparing its own questionnaire. In which tables have been drawn and the percentages have been interpreted and the results have been reached and suggestions have also been given.

### *Limitation of the research study*

The present study is limited to the students of Dr. C.V. Raman University and Kalinga University Naya Raipur (C.G) the students have used the random sampling technique for the study including 100 students drawn from Dr. C.V. Raman University and Kalinga University, Raipur.

### *Review of Literature*

*Upalonkar Shilpa (2018):* The author in his research article has studied the usefulness of e-information sources by students of Dharwad Agricultural University and also highlighted the importance of information technology used in libraries. The role of the bookkeepers has also been mentioned.

*Pandey Chandra Prakash and Mr. Anil Kumar (2020):* In their research article Dev Sanskriti University, Haridwar, studied the information search trend

behavior of the users of the Gunthalas, which found that the maximum 48.95 percent of the textual texts were found by the users. Find information through.

### *About Dr CV Raman University*

Dr. C.V. Raman University in Bilaspur is one of the best leading private universities in India which is devoted to achieve excellence in education in research. The Dr. C.V. Raman University, Bilaspur Chhattisgarh is a premium university that maintains a unique pedagogy and innovative teaching methodology.

### *Established*

This university is located in Kargi Road Kota Bilaspur (C.G.) and Established on 3 November 2006 by all India society for electronic and computer technology, under section-2 (f) of the university grant commission (UGC) Act- 1956. It is named after the first noble laureate of the country Dr. C.V. Raman.

Dr. C.V. Raman University (CVRU) is premier University of the state of Chhattisgarh with its 26 departments including education in the field of its various faculties of Library and Information Science, Commerce, Management, Law, Journalism & Mass, Communication, Engineering, IT, Research, Education, Physical education etc. through its numerous courses by an enrolment of huge number of students. The University established in the tribal region of the rural environment of Chhattisgarh with its primary objective and vision of providing higher education to the students of rural background giving an access for them to obtain an easy opportunity for getting an advanced ICT based technological studies contributing to the higher education enhancement Recognized by UGC and approved by AICTE, NCTE, Accredited by NAAC with B+ Grade, Listed in top 200 universities in NIRF by MHRD, BCI as well as certified by ISO:9001:2008, being a member of AIU, the institutional vision of this University reflect upon various initiatives to provide literal, legal, managerial and scientific knowledge to the students generating high morals, ethics and values with cultural heritage in them by helping the society in nation building through nurturing and strengthening the young talents for being the trust-worthy citizens of tomorrow.

### *About Kalinga University*

Kalinga University Raipur has emerged as a center of excellence in higher education in central India. Strategically located in Naya Raipur's Smart City.

It is a private university. It was established in 2011 under the Chhattisgarh Private Universities (Establishment and Operations) Act 2005. This University has started to carve a niche for itself in the education sector and is rising as a bright star on the horizon for quality education.

### E- Information Resources

The library at Kalinga University Raipur is like an integrated knowledge resource center which houses books, journals, Indian and international journals with online journals and other online resources in a large institution supporting all aspects of study and research.<sup>3</sup> University National Digital Library (NDL), Network of Developing Library Delnet NPTL. Manupatra (for law students) is a member of several online/digital libraries including J-GATE (Social Science), J-GATE (Engineering) and Technology, INSPEC. To their ERP these E-Information resources are given free access through the logins. Kalinga University Library has 79000 books and also subscribes to various national and international journals.

### Types of E- Information Resources

1. *E-journals*: E-journals are full-text journals that are accessible via Internet/Intranet. It can be available free or as part of paid-for services. E-journals occupy a major share in e-publishing.
2. *E-books*: E-books are portable literary works that can contain large quantities of readable textual information.
3. *E-databases*: E-databases are collections of high-quality information for academic research. E-databases are an organized collection of information of a particular subject or multidisciplinary subject core.
4. *E-theses & Dissertations*: E-theses and dissertations (ETDs) are an electronic version of the document that describes the scholarly work of a researcher.
5. *E-Newspaper*: An electronic newspaper (E-newspaper) is also known as an online newspaper or web newspaper which can be accessed via the Internet.
6. *E-Magazines*: E-magazines are kinds of e-resources which published online/CD-E-material.

### Use of Delnet E- Information Resources in University Libraries

Delnet was started in India 1988 in India International Center Library and in 1992 it was

registered as a society. It was initially supported by the National Information System for Science and Technology (CPS), Department of Scientific and Industrial Research, Government of India. Later it was supported by National Informatics Center, Department of Information Technology, Ministry of Communications and Information Technology, Government of India and Ministry of Culture, Government of India.

NISSAT is established with the main objective of promoting resource sharing between libraries through the development of a network of libraries. Its purpose is to collect, store and disseminate information in addition to offering computerized services to users, so that efforts can be coordinated for appropriate collection development and wherever possible, redundant duplication is minimized. It has more than 2,50,00,000 e-resources including e-books, e-journals, material content, dissertations, PhD thesis and research papers.

### E-Library Information Services

Services	Services
National digital library (NDL)	J-gate Engineering, J-gate Social and Management, Science
DELNET membership and services	Telephone
Reprographic Services	Internet
Reference Services	OPAC
Selective Dissemination Information (SDI)	Study Book Services
Current Awareness Services (CAS)	Resource Sharing
Email Services	On-Line Data Bases
Barcode Circulation	Multimedia Resource Services
E-Library Services	User Education Programme
Library Software	Printing Scanning Services
Wi-Fi Library	

### Data analysis

These obtained data are also being interpreted through tables, which are as follows.

**Table 1:** Introduction of e-information resources by students.

Number of Students	Number of students familiar with e-information resources			
	Introduction	Percentage	Non-introduced	percentage
100	85	85%	15	15%

**Table 2:** Objective of E-Information Resources by students.

Objectives	Students	Percentage
for online studies	60	60%
For research work	10	10%
To achieve text content	20	20%
To receive new information	10	10%

**Table 3:** Impact on University Library by Students.

Impact on Library	Students	%
The utility of online services has increased.	40	40
Covid-19 has affected or disrupted the functions of the library	40	40
Time saving of readers has appeared.	10	10
Satisfied with the utility of e-information sources	10	10

**Table 4:** Satisfied with the services of the University library by students.

Library Service	Students	Percentage
Satisfied	80	80%
Unsatisfied	20	20%

**Table 5:** Medium of uses E-information Resources searching by students.

Medium	Students	Percentage
Online	50	50%
Offline	10	10%
Online and Offline both	40	40%

**Table 6:** Types of E-Information Resources used by students.

Types	Students	Percentage
E-books	20	20%
E journals	10	10%
E- Dissertation	20	20%
E- newspaper	10	10%
others	40	40%

**Table 7:** Using of E-Information resources university library Problems by students.

Type of Problem	Students	Percentage
Mobile and laptop computers are inconvenient to read	10	10%
Slow downloading speed	20	20%
Language problem	40	40%
Lack of information	20	20%
Others	10	10 %

**Table 8:** Using of E- Information resources university library benefits by students.

Profit Type	Students	%
Use of time/right knowledge in Covid-19	30	30
Increase in attainment of knowledge	10	10
New information	20	20
Knowledge of acquiring and using electronic resources was gained	30	30
Others	10	10

## Results

After the completion of research work, the following results have been obtained which are as follows: -

1. 85% students have been found familiar with e-information sources.
2. 80% students are also satisfied with the services of the library.
3. In the use of e-information source, 40% student's language problem has been mentioned.
4. Among the types of E-information resources, 20% have been found to use e-books and 40 % others.
5. 40% respondents believe the impact of e-information resources on academic performance.

## Conclusion

Use of E-information resources is a massive area for study from the above studies it is observed that study have been carried out the use of e-information resources by the science department students of Dr. C.V. Raman University and Kalinga University, Raipur these study were undertaken on various aspect like use of e- information resources awareness level of using e-information resources, this study results show that the majority of the science students are using the E- information resources for the purpose of study concerned.

E-Information resources have initiated various changes in traditional libraries. "Electronic", libraries" have evolved, some of which have been clearly defined according to research and development projects and certain funding sources. In some cases, however, the definitions for these "libraries" are fuzzy and the categories overlap.

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