Original Article

Usage and Preferences of Print and Electronic Resources among Undergraduate Students in Indira Gandhi Krishi Vishwavidyalaya, Raipur: A Study

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Abstract

In this study, the usage and preference of print and electronic resources have been checked among the undergraduate students of Indira Gandhi Krishi Vishwavidyalaya. The study investigated whether the availability of Electronic Resources discourages the use of printed resources, the preference of type of document formats preferred while using Electronic Information Resources, level of usage of Print library resources. The result shows that 464 (68.04%) UG students prefer print and electronic resources both for their purposes and do not prefer to give up printed resources.

Keywords: Print and Electronic Resources; Use of Electronic Resources; Undergraduate students; Indira Gandhi Krishi Vishwavidyalaya.

Introduction

ICT means Information and Communication Technology that has transformed the traditional resources into modern resources in every field of education system. The library is part of the soul of any education system and has embraced a new digital environment. Today, the Agricultural educational library has established itself as a mixed environment and provides library resources and services to their educational community from their digital devices.

Without reading resources you cannot think of a library. From the time immemorial, there have been resources based entirely on print and manuscripts within the library. But now, the resource environment has evolved into an electronic form and arrival such as e-book, e-journal, e-database and multimedia-based multimedia services. This is a journey from the traditional look of library resources to library having digital and electronic resources. For many reasons educational libraries have transformed their traditional appearance into modern libraries that rely on electronic resources and resources. The user community is considered today as techno savvy. They prefer online-based resources that are easily accessible on their hand or desktop. This evolving need for user education has had an impact on mainstream libraries and that is why library organizations have moved to an electronic-based library.

Indira Gandhi Krishi Vishwavidyalaya, Raipur regularly subscribing a good number of electronic resources for their user communities and library encourages their students and staff to utilize these resources for the maximum utilization of the subscribed resources through workshops, training programs, orientation and information literacy classes.

Review of Literature

Kumar, K et al (2021) reported in "A Comparative Study of Electronic and Print Resources among Library Users". In the study, the researcher used Google Forms for data collection and found that users prefer to use print resources more and

emphasized on updating the library facilities. The electronic services received positive feedback. Their use saves time, with both print and electronic processing satisfied level most of the print resources were satisfied.

Mohan, M. & Devi, M. (2021) reported in "Use of Print and Electronic Resources among Graduate Students in the Teaching Departments of the University of Kerala, Thiruvananthpuram". The results of the study show that most students do not know about all library activities. Most of the respondents do not know the library and all its functions. Students suggested that university and departmental libraries should provide awareness programs, conferences, workshops.

Jerome Idiegbeyan-Ose et al. (2019) described e resources compared to printers. Electronic library resources have special features that make them attractive to library users and clerks. Access to and use of the same information by multiple users is a major factor that separates electronic resources from print. Both printing and electronic resources must be acquired, edited and stored in libraries. The library is a strategic place in any educational community.

All the resources needed for teaching, learning and research are accessed, processed, stored and distributed through the library. It is generally thought that the advent of electronic services has led to the emergence of material in print format. Differences have been reported in the use of these resources among library users.

Bhat N.A. and Ganaib, S.A. (2018) reported in It has been found that North Indian library users prefer to use information resources in almost all textbooks and electronics. There are studies that have found print preferences in addition to electronic sources (EIRs). E resources provide users with access to and use of information in a variety of ways, such as online, offline or both. Other findings may include previous work in this article: "'easy to search and find', 'quick access' and 'timing' are considered the most influential reasons users prefer to use e-tools in addition to their print counterparts".

About Indira Gandhi Krishi Vishwavidyalaya, Raipur

The Indira Gandhi Krishi Vishwavidyalaya is the only university of Agriculture and allied subjects in Chhattisgarh where 33 Constituent colleges and 15 private colleges offering UG, PG and Ph.D. in various fields related to agriculture, agriculture and agricultural engineering. Education, Research and Extension are major integrated activities in agriculture, veterinary, dairy and agricultural engineering with students. Indira Gandhi Krishi Vishwavidyalaya Library is one of India's richest libraries in the field of Agricultural, Horticultural and Allied Sciences, providing access to a large number of print and electronic information services to cater for the needs of students, researchers and members of the faculty. IGKV libraries are subscribing a good number of electronic and print resources for their users.

Statement of the problem

Today e-resources in libraries and information centres are constantly evolving. Previously, the library's collections largely constituted of print resources, but over time the adoption of electronic resources started. The preference and use of electronic resources along with print resources by the users is increasing continuously. The need for electronic resources is being felt by the students of Indira Gandhi Krishi Vishwavidyalaya and for these reasons this study is being done towards print and electronic resources.

Objectives of the study

- To investigate whether the availability of Electronic Resources discourages the use of printed resources.
- To identify the preference of type of document formats preferred while using Electronic Information Resources.
- To find out the level of usage of Printed library resources.

Methodology and Limitation of the Study

In this study a sample of 682 UG students of B.Sc. (Agriculture) course among the selected colleges constituent to Indira Gandhi Krishi Vishwavidyalaya, Raipur (C.G.) were selected by random sampling. The Required data is collected through a well-designed questionnaire (via Google forms) as a data collection tool. The population of this study was limited to Undergraduate Students of B.Sc. (Agriculture) for academic session 2019-20 among selected constituent colleges of Indira Gandhi Krishi Vishwavidyalaya, Raipur (C.G.).

Data Analysis and Interpretation

Table 1: Do you use electronic resources?

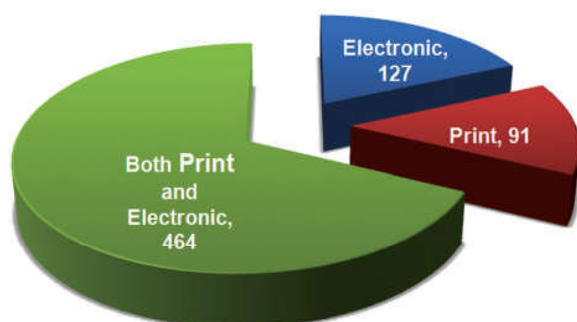| Do you use Electronic Resources?	Respondent	Percentage
Yes	682	100
No	0	0
Total	682	100

Source: Primary Data

Table 1 deal with respondent's use of electronic resources out of 682 respondent, 682 (100%) use electronic resources. It is concluded that most students of Constituent Colleges of Indira Gandhi Krishi Vishwavidyalaya, Raipur (C.G.) use electronic resources under the study.

Table 2: The version of resources do you prefer to use.

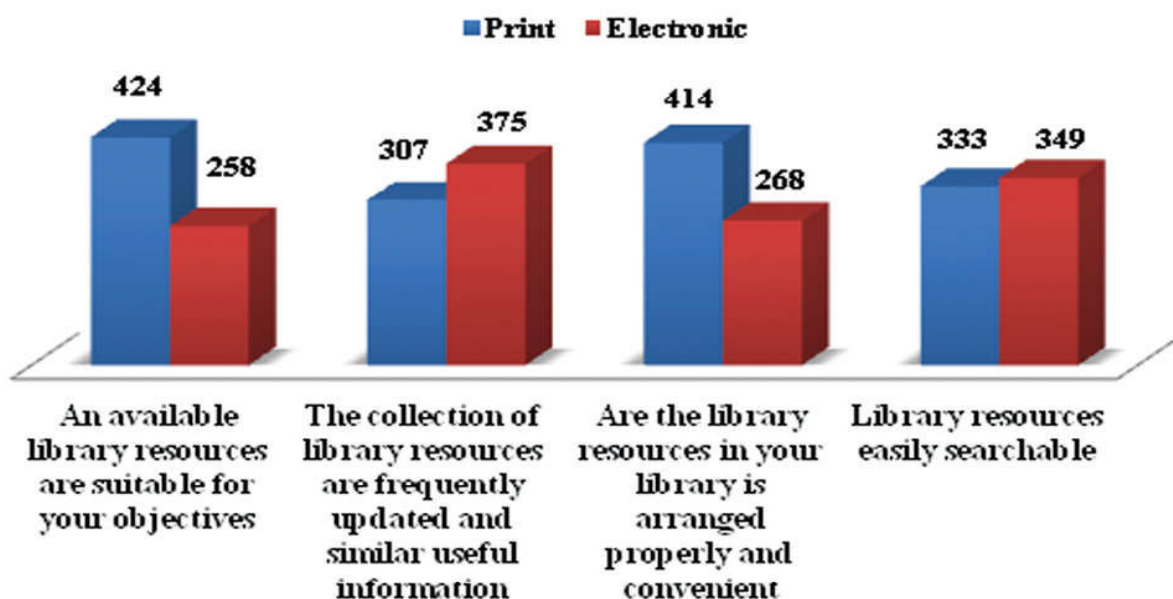| The version of resources do you prefer to use	Respondent	Percentage
Electronic	127	18.62
Print	91	13.34
Both Print and Electronic	464	68.04
Total	682	100

Source: Primary Data

In this table and graph shown an attempt was made to know of the print, electronic or both print and electronic resources are preferred by the undergraduate students. In this study it was found that Out of 682 respondent, 127 (18.62%) prefers to use electronic resources, 91 (13.34%) prefers print and 464 (68.04%) prefers print and electronic resources both. It is concluded that most students of constituent Colleges of IGKV, Raipur are preferring print and electronic resources both under this study.

Table 3: which one of the following version of resources do you prefer to use?

Purpose of Using	Print	%	Electronic	%	Total
An available library resources are suitable for your objectives	424	62.17	258	37.83	682 (100%)
The collection of library resources are frequently updated and similar useful information	307	45.01	375	54.99	682 (100%)
Are the library resources in your library is arranged properly and convenient	414	60.70	268	39.30	682 (100%)
Library resources easily searchable	333	48.83	349	51.17	682 (100%)

The questions were asked on the basis of various parameters given by the student including the availability of library resources according to their purpose, accuracy and quality of information, easily availability of access to resources and ways to acquire resources. The result has come out as follows available library resources are suitable for your objectives in this purpose 424 (62.17%) Students in print resources and 258 (37.83%) students in electronic resources are using the resources; the collection of library resources is frequently updated and similar useful information in this purpose 307 (45.01%) Students in print resources and 375 (54.99%) students in electronic resources are using the resources.

Are the library resources in your library are arranged properly and conveniently for this purpose 414 (60.70%) Students in print resources and 268 (39.30%) students in electronic resources are using the resources and Library resources are easily searchable for this purpose 333 (48.83%) Students in print resources and 349 (51.17%) students in electronic resources are using the resources. In this study, we can say that print resources are suitable objective-based resources and properly arranged and convenient, and frequently updated, useful information and easily searchable students prefer to use electronic resources.

Table 4: To what extent do you normally use electronic resources and print resources through library?

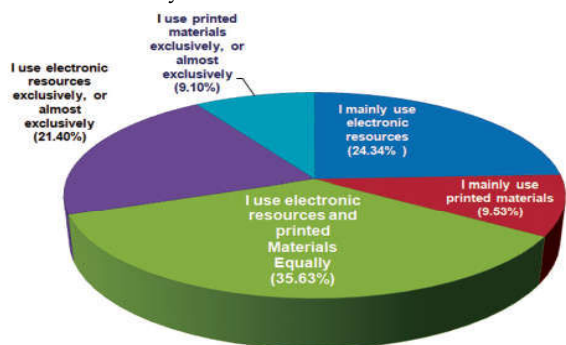| Resources used though library	Respondent	Percentage
I mainly use electronic resources	166	24.34
I mainly use printed resources	65	9.53
I use electronic resources and printed Resources Equally	243	35.63
I use electronic resources exclusively, or almost exclusively	146	21.40
I use printed resources exclusively, or almost exclusively	62	9.10
Total	682	100

Source: Primary Data

Fig. 1: Resources used though library.

Table 4 and figure deal with do they normally use electronic resources and printed resources through Library. Out of 682 respondent, 166 (24.34%) mainly use electronic resources, 65 (9.53%) mainly use printed resources, 243 (35.63%) use electronic resources and printed Resources Equally, 143 (21.40%) use electronic resources exclusively, or almost exclusively and 62 (9.10%) use printed resources exclusively, or almost exclusively. It is concluded that most students of Constituent Colleges of Indira Gandhi Krishi Vishwavidyalaya, Raipur (C.G.) use electronic resources and printed resources equally under the study.

Table 5: The environment of electronic resources is more open then printed resources?

The environment of electronic resources is more open then printed resources?	Respondent	Percentage
Yes	550	80.65
No	132	19.35
Total	682	100

Source: Primary Data

Table 5 deals with respondent opinion on environment of electronic resources is more open then printed resources. Out of 682 respondent, 550 (80.65%) think environment of electronic resources is more open then printed resources and 132 (19.35%) don't think environment of electronic resources is more open then printed resources.

Table 6: Electronic resources are most useful for the libraries?

Electronic resources are most useful for the libraries?	Respondent	Percentage
Yes	616	90.32
No	66	9.68
Total	682	100

Source: Primary Data

Table 6 deal with respondent opinion on electronic resources is more useful for the libraries. Out of 682 respondent, 616 (90.32%) think electronic resources are more useful for the libraries and 66 (9.68%) don't think electronic resources are more useful for the libraries.

Table 7: The users get more benefit from electronic resources and services than the hard copy of books and journals?

The users get more benefit from electronic resources and services than the hard copy of books and journals?	Respondent	Percentage
Yes	497	72.87
No	185	27.13
Total	682	100

Source: Primary Data

Table 7 deals with the users get more benefit from electronic resources and services than the hard copy of books and journals. Out of 682 respondent, 497 (72.87%) the users get more benefit from electronic resources and services than the hard copy of books and journals and 185 (27.13%) the users don't get more benefit from electronic resources and services than the hard copy of books and journals.

Table 8: The e-resources made an impact on Print resources?

Do you think the e-resources an impact on Print resources?	Respondent	Percentage
Yes	524	76.83
No	74	10.85
No Change	84	12.32
Total	682	100

Source: Primary Data

Table 8 deals with respondent think the e-resources made an impact on Print resource's accessibility and usability. Out of 682 respondent, 524 (76.83%) think the e-resources made an impact on Print resource's, 74 (10.85%) don't think the e-resources made an impact on Print resources and 84 (12.32%) think no change.

Table 9: Level of usage of print resource.

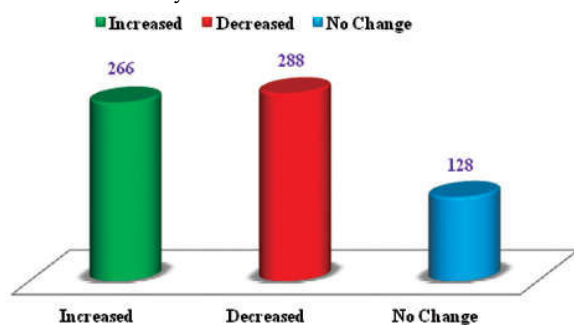| Level of usage of print resource	Respondent	Percentage
Increased	266	39.00
Decreased	288	42.23
No Change	128	18.77
Total	682	100

Source: Primary Data

Fig. 2: Level of usage of print resource.

Table 9 and Figure above deals with the level of usage of print resource versus electronic resources deal with the level of usage of print resource, ask questions from the students do you think electronic resources affect the print resources Out of 682 respondent, 266 (39.00%) increased the level of usage of print resource, 288 (42.23%) decreased the level of usage of print resource and 128 (18.77%) think no change.

Findings of the study

- 100% students are using Library's electronic resources.
- 68.04% students prefer both print and electronic resources for their purposes.
- Students are using print and electronic resources in terms of the availability, purpose, objectives, search ability and frequent updated information.
- 35.63% students of Constituent Colleges of Indira Gandhi Krishi Vishwavidyalaya, Raipur (C.G.) use electronic resources and printed resources equally.
- 80.65% students think environment of electronic resources is more open then printed resources.
- 90.32% students think electronic resources are more useful for the libraries.
- 72.87% students get more benefit from electronic resources and services than the hard copy of books and journals.
- 79.23% students think electronic resources affect the usage of print resources.

Conclusion

The availability of print and electronic resources in the library and the use of these resources by the undergraduate students of constituent colleges of IGKV, Raipur are important so that the needs and requirement of the students can be easily fulfilled. It is clearly indicated from this study that print and electronic resources are used equally by the students to fulfil their needs and the library professionals should keep updating both types of resources regularly in the library collection and make students aware of it from time to time so that the usage of both print and electronic resources can be maximized, satisfying the information need and requirements of the users of the library.

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