Awareness and Access of Internet-Based Electronic Information Resources by Science PG Students of Sharnbasva University, Kalaburagi

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Abstract

The study aims to investigate the awareness and Access Internet based electronic information resources (EIR) among the Science PG students of Sharnbasva University, Kalaburagi, the main objectives of the study are to find the purpose of using the internet based EIR. The study adopted a survey method the target population is 150 science PG students of sharnbasva University out of which 120(80%) of responses were received the primary data were collected through Google Forms and the data was analyzed through Excel. The majority of the science PG students are aware of internet based electronic information resources and also they access the EIR.

Keywords: Internet, Access, Electronic Information resources, Postgraduate student, Sharnbasva University.

Introduction

Advances in Information Communication technology (ICT) the internet is the most important to access the required information through the online the user can access the information in anywhere and anytime when they needed. Now days the internet is commonly using in all the filed in day to day activities.

Changes in technology in recent years have dramatically altered how information is accessed, stored, and disseminated. Now information is available on CDs, audio, cassettes, video cassettes, etc., as well as on the

Internet. These types of web-based electronic information resources have become most popular in academic research(Gaikwad, 2017)Electronic information resources are important, and for students to use them, they ought to be skilled in information and communication technologies (ICTs) applications in order to gain independent use of various electronic information resources around the globe(Akpojotor, 2016)

Internet-based electronic information resources are digital tools and platforms that provide access to a wide range of information, which is most important in academics and research. These resources encompass e-databases, e-books, e-journals, multimedia, websites and blogs, e-thesis, etc.

Review of literature

(Adam, 2017)the study examines the undergraduate students' perception of library service quality from three dimensions which are library information resources, services, and facilities that are available for use in YMSU Library, he findings of the study, it was concluded that the general perception of undergraduate students towards the use of facilities, resources and services of the YMSU library, city campus is highly satisfactory. However, it is recommended that YMSU library management should keep on maintaining a high level of user satisfaction by improving on providing current and relevant information resources, modern facilities, and befitting services that would meet the needs and expectations of users.

(Gaikwad, 2017)The study examines the awareness of different types of e-information resources, access and use of subscribed UGC N-LIST, and freely available e-resources by the faculty members, Ph. D scholars, and UG Students of the Arts and Commerce College, Madha. The study evaluates the satisfaction level of the users on e-resources and the role of the Internet in accessing e-resources through different search engines (e.g. Google, Yahoo, etc.) and offline databases in CD/DVD formats, Study also aims to highlight the problems encountered by the users and suggest some remedial measures for its improvements.

(Sahu & Tiwari, n.d.)the present study has been undertaken with a view to assessing the awareness and use of electronic resources by the undergraduate students of selected constituent colleges of Indira Gandhi KrishiVishwavidyalaya, Raipur. The study further aims to investigate the level of satisfaction among the users with the existing electronic resources available in the college libraries and the various problems encountered by them while accessing electronic information resources.

(Singh, 2020)the study focuses on the awareness and its usage of e-resources by the users subscribed by the Punjabi University, Patiala. The study reveals the problems while using e-resources as well as the satisfaction level of the students. The outcome of the study shows that there should be a personal database of the Library, Internet Connectivity, Speed and Adequate Infrastructure; additional no. of e-resources should also be subscribed.

(Iroroeavwo Edwin & Benjamin, 2020)The study revealed that electronic resources have tremendous impacts on the undergraduate's students in the course of their academic pursuit. The study also revealed that majority of the respondents makes use of electronic resources on a weekly basis. However, the major challenge undergraduates face with the use of electronic resources is lack of adequate training, followed by lack of expert help while some others complained of slow internet connectivity.

(Abubakar & Mamman, 2020)the study examined the utilization of electronic information resources by students of tertiary institutions in Taraba State, Nigeria. Findings revealed that various types of electronic information resources were available in the tertiary institutions under study, these include: ebooks, e-journals, e-mails, online databases, and CD-ROMs among others. It was also found that the extent of utilization of the available EIRs was moderate and the majority of the users were satisfied with the EIRs provided in their institution libraries.

(Sahu & Tiwari, 2021)The study demonstrates the various aspects of the Usage of electronic resources, identifies the frequency of using electronic resources, awareness of electronic resources, preferable usage of e-resources, the reason for preferring, the problem faced while using e-resources, and know to the satisfaction level of the students, majority of the students aware and used the electronic information resources for their academic purpose in specifically for their assignment work and also information overload is the main problem were they are facing while accessing the electronic information resources.

(Tseh, 2021)the study Findings revealed that participants are aware of the electronic library and its resources, but that they are often unable to find information from it. Students believe the electronic library is important for their academic work, but think that the use thereof is difficult. It is recommended that there should be improved infrastructure facilities for accessing electronic resources in the UHAS library, as well as a budgetary allocation for subscribing to more electronic resources. Users should,

however, be consulted before purchasing these resources.

(Mamman & Abubakar, 2022)The results of the study revealed that various types of electronic information resources were available in the higher institutions' libraries in Taraba State. These include e-books, online databases, e-journals, as well as CDROMs. It was also found that the extent of access to the available EIRs was moderate and poor internet connectivity, insufficient computer terminals, and inadequacy of Information and Communication and Communication Technology (ICT) skills were some of the major factors working against the smooth access and use of EIRs in the institutions studied.

(Kuri & Patil, 2023)the study revealed that most respondents are aware of and use resource lending services and reference services but mentioned that interlibrary loan is unavailable. Most of the respondents are fully satisfied with their library collection and the library's working hours. 95.79% of the respondents expect their library to increase the number of computers with faster working and good network. 88.16% of respondents want their library to improve its physical environment by providing more ventilation, lighting, and noise control. The study's findings suggest that the library should improve the library collection based on the user demands as well as automate the operations with required library management software and conduct orientation program from time to time for the effective use of information sources and services.

Objectives of the Study:

The followings are main objectives of the study
- ➤ To investigate the awareness of Internet based electronic information resources by the science PG students of Shanrnbasva University, Kalaburagi.
- ➤ Determine the access of internet based electronic information resources
- ➤ To find out the frequency of use internet based electronic information resources by Science PG students
- ➤ To find out the purpose of using internet based electronic information resources by science Pg students
- ➤ To identify the problems faced while accessing internet based electronic information resources by science Pg students.

Methodology

The present study has considered Science PG students of Sharnbasva University, Kalaburagi, The survey method was adopted and a structured questionnaire was prepared through Google Forms the same link has been shared through the students' Email and WhatsApp groups to collect the primary data. A total of 150 responses were targeted out of which 120(80%) were received from Sharnbasva University science postgraduate students. The data obtained was analyzed in MS Excel.

Data Analysis and Interpretation:

Table 1. Gender-wise, Age wise, and department wise distribution

Category	Gender			Age				Department				
	Male	Female	Total	21-22	23-24	Above 25	Total	Mathematics	Physics	Zoology	Botany	Total
Respondents	75	45	120	90	13	17	120	42	25	21	32	120
Percentage	62.50%	37.50%	100.00%	75.00%	10.83%	14.17%	100.00%	35.00%	20.83%	17.50%	26.67%	100.00%
Total	120			120				120				

The table 1 results show that the gender-wise distribution of Science Postgraduate students of Sharnbasva University in 75(62.50%) respondents are male remaining 45(37.50%) respondents are female and 90(75%) respondents are 21-22 age group, 13(10.83%) of respondents are 23-24 age group remaining 17(14.17%) are above 25 age group, 42(35%) of respondents are Mathematics department, 25(20.83%) of respondents are physics 21(17.50%) of respondents are zoology and 32(26.67%) of respondents botany department.

Table 2. Access of Internet

Sl.No	Do you have access	Response	Percentage

	to the internet?		
1	Yes	95	79.17%
2	No	25	20.83%
	Total	120	100.00%

The table no.2 results shows that access to the internet is 95(79.17%)of Science Pg students of Sharnbasva university, kalaburagi is access the internet only 25(20.83%) of Science Pg students are saying that no.

Table 3. Type of internet do you use

Sl.No	What type of internet connection do you primarily use?	Response	Percentage
1	Wifi	75	62.50%
2	Mobile Data	45	37.50%
3	Ethernet	0	0.00%
4	In the Department	0	0.00%
Total		120	100.00%

Table no. 3. is representing is what type of internet do you primarily use by the science Pg students of Sharnbasva University, Kalaburagi, is 75(62.50%) of PG students are use through Wi-Fi, 45(37.50%) of Pg students are access through the mobile data.

Table 4. How many hours do you spend online daily.

Sl.No	How many hours do you spend online daily?	Response	Percentage
1	Less Than 1 hour	62	51.67%
2	1-3 Hours	40	33.33%
3	3-5 Hours	10	8.33%
4	More than 5 hours	8	6.67%
Total		120	100.00%

The table no.4. results shows that how many hours do you spent online daily in that 62(51.67%) of Science Pg students are spend less than I hour, 40(33.33%) of science PG students are spend 1-3 hours, 10(8.33%) of science Pg students are spend 3-5 hours in day lastly 8(6.67%) of Science Pg students are spend more than 5 hours in a day.

Table 5. Aware of the following types of electronic information resources

Sl.	Are you aware of the following types of	Response	Percentage

No	electronic information resources?		
1	Online Journals	40	33.33%
2	E-Books	10	8.33%
3	Research Databases	30	25.00%
4	Institutional repositories	20	16.67%
5	Open-access resources	20	16.67%
	Total	120	100.00%

The table no.5. results shows that awareness of electronic information resources available in the internet in that 40(33.33%) of science Pg students are aware about electronic/online journals, 30(25%) of science Pg students are aware the research databases, 20(16.67%) of science pg students are aware about the Institutional repositories as well as open access resources available in the internet lastly only 10(8.33%) of Science Pg students are aware about E-books.

Table 6. how did you learn about Internet based EIR

Sl.No	How did you learn about Internet based EIR	Response	Percentage
1	Class/lectures	20	16.67%
2	Through Social Media	50	41.67%
3	Through friends	30	25.00%
4	Self	20	16.67%
Total		120	100.00%

Table no. 6 results shows that how did you learn the Internet based electronic information resources for that 50(41.67%) of science Pg students are learn through the social media, 30(25%) of science Pg students are learn through their friends, 20(16.67%) of science Pg students are learn through the self and also the same that is 20(16.67%) of science Pg students are learn through in the class/lecture.

Table 7. Types of Electronic Information resources most frequently used

Sl.No	Types of Electronic Information resources most frequently used	Response	Percentage
1	E-Journals	45	37.50%%
2	E-Books	20	16.67%
3	E- Magazines	15	12.50%
4	E- Newspapers	20	16.67%
5	E- Thesis	20	16.67%

	Total	120	100.00%

Table no.7 results are representing the frequency of what type of internet based electronic information resources used in that 45(37.50%) of science Pg students are used e-journals, 20(16.67%) of Science PG students are used the E-books respectively E-newspapers and E-thesis and only 15(12.50%) of science PG students are used the e-magazines.

Table 8. purpose for using Internet Based electronic information resources

Sl.No	What is your primary purpose for using electronic resources?	Percentage	Response
1	For Assignments	60	50.00%
2	Dissertation/Internship work	17	14.17%
3	To keep Update with current knowledge about subject	23	19.17%
4	For personality development	20	16.67%
Total		120	100.00%

Table no. 8 results shows that what is the purpose of using internet based electronic information resources in that 60(50%) of science pg students are using for Assignment purpose, 23(19.17%) of Science pg students are using to keep update the current knowledge about subject, 20(16.67%) of science pg students are using for personality development purpose and 17(14.17%) of science pg students are using dissertation/internship work purpose.

Table 9. Frequency of use to Electronic Information resources

Sl.No	Frequency of use to Electronic Information resources	Response	Percentage
1	Daily	44	36.67%
2	Weekly once	21	17.50%
3	Monthly once	10	8.33%
4	On required basis	25	20.83%
5	Occasionally	20	16.67%
Total		120	100.00%

Table no.9 is representing that frequency of using Internet based electronic information resources in that 44(36.67%) of science pg students are use daily, 25(20.83%) of science pg students are use on required basis,

20(16.67%) of science pg students are use occasionally, 21(17.50%) of science pg students are use weekly once and 10(8.33%) of science pg students are use monthly basis.

Table 10. Problem Faced while accessing Electronic Information resources

Sl.No	Problem Faced while accessing Electronic Information resources	Percentage	Response
1	Access restrictions	45	37.50%
2	Technical issues	20	16.67%
3	Lack of Guidance	15	12.50%
4	information Overload	40	33.33%
Total		120	100.00%

The table no.10 results shows that problem faced while accessing the internet based electronic information resources in that 45(37.50%) of science pg students are faced the access restrictions, 40(33.33%) of science Pg students are facing information overload, 20(16.67%) of science pg students are facing technical issues is the problem and 15(12.50%) of science pg students are facing lack of guidance is the problem to access the internet based electronic information resources.

Findings of the study

The followings are major findings of the study:
- ➢ Majority of the 90(75%) of science pg students of Sharnbasva university are 21-22 age group
- ➢ The study also highlighted that 95(79.17%) of science pg students are access the internet.
- ➢ The study revealed that 75(62.50%) of science pg students are access the internetfor through the Wi-Fi.
- ➢ Study results shows that 40(33.33%) of science pg students aware the internet based E-journals (Electronic journals)
- ➢ The study finds that 50(41.67%) of science pg students are know the internet based electronic information through social media
- ➢ Majority of the 45(37.50%) of science Pg students are used e-journals only
- ➢ The study discovered that 60(50%) of science pg students are

using internet based electronic information resources for writing Assignment purpose.

➢ The study also revealed that 44(36.67%) of science pg students are use internet based electronic information resources on daily.

➢ Study also highlighted that 45(37.50%) of science pg students are faced the access restrictions, and 40(33.33%) of science Pg students are facing information overload are the main problem to access the internet based electronic information resources.

Conclusion

In the current environment Internet based electronic information resources are available in a global level because of Information communication technology (ICT) has been implemented in all fields, hence the study has taken that awareness, and access of internet based electronic information resources among the science postgraduate students of Sharnbasva University, Kalaburagi. Based on the study majority of the Science postgraduate students are aware of and access the internet based electronic information resources and also they are updating their subject and professional knowledge and study also find out that information overload and access restrictions are the major problems are faced by the science Pg students of Sharnbasva University, Kalaburagi.

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