

## Use of Electronic Resources by M.Sc. Chemistry Students at Arts Science and Commerce College Chopda Dist-Jalgaon

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### ABSTRACT

The libraries and information services has been changed due to the development of information and communication technology. Electronics resources role is very important as information repositories are use of information for various purposes like academic, research, teaching and learning process. E-resources gives solutions of the traditional libraries as like all data storage in digital format, users can access library without boundaries through internet so e-resources popularity is very continuously growth in teaching learning process. In the modern era librarian should provide better services to the users for accessing e-resources as like e-books, e-journals, e-databases, e-reports etc. E-resources have been used for capture accurate and current information within second so majority learner use e-resources for their learning process. In the 90 th century internet has emerged as the sources of information for storage and retrieve information. In the past few years online information has been continuously increased as like e-journals, e-books, e-databases etc. The emergence of information communication technology traditional library system transfer to digital library system. In the current era majority learning materials are available in electronic formats because theses materials are very useful for students, researcher and other academic staff.

### I. INTRODUCTION

Objectives of the study-

1. To study the library users need and their expectation about electronic resources.
2. To find out users opinion about internet as information sources in modern era.
3. To find out students opinion about effectiveness of e-mail services providers.
4. To find out what is the reason of using internet and e-resources among M.Sc. students.
5. To discuss which problems are arises while using internet and e-resources.

#### Selection of problems-

Mahatma Gandhi Shikshan Mandals has run various branches as like, poly., Pharmacy, Nursing, and primary to higher education but researcher select only M.Sc. Chemistry students for writing paper on the topic of “ Use of electronic resources by M.Sc. Chemistry students at Arts Science and Commerce College Chopda dist-Jalgaon”

### II. METHODOLOGY

Survey method used for collection of data from M.Sc. students at Arts Science and Commerce College Chopda Dist-Jalgaon. Questionnaire methods used for collection of data. In this study design questionnaire and 25 distributed to M.Sc. Chemistry students both part I

and II after collection the filling questionnaire. Data analysis method has been used tabulation, codification and use measurements of central tendencies.

#### About the college-

The college offers education with 24 subjects at the general level and 12 subjects at the special level. There are 10 Post-Graduate departments being run by the college and 05 vocational courses are taken care of too. The teaching staff is fully equipped with the necessary training, qualifications and research attitudes as kept up in the modern times. 10 of the teachers have completed Ph.D., 15 of them have completed M.Phil. While 20 of them are busy with the research.

**Table No.1** Level of knowledge about computer and internet access

Sr.No.	Level of Knowledge	Frequency	Percentage
1.	Good	22	88
2.	Moderate	02	08
3.	Fair	01	04
4.	Poor	00	00
Total		25	100

Table No.1 show that 88% students level of knowledge about computer and internet is good because of majority students use computer and internet every day for learning process. 08 % students are moderate about knowledge of

computer and internet. 04% students are fair about computer and internet and poor knowledge students are 00%.

**Table No.2** Students response about internet as a information sources

Sr no.	Features of internet as information sources	Strongly Agree	Agree	Disagree	Strongly Disagree
1	Easy to access	18	02	03	02
2	High speed of searching information	16	04	02	01
3	Usefulness for teaching	20	03	02	00
4	Related information	13	06	04	02
5	Huge information	17	03	03	02
6	Save the time and Money	22	02	01	00
7	Flexibility	21	03	01	00

Table No. Table No.2 show that 72 % students opinion are strongly agree about internet as a powerful information sources and easy to access access and 08of information. 08% students are agree about internet is very easy to access, 12% students are disagree about internet is a easy % students strongly disagree about easy to access. 64% students are strongly agree while high speed of internet for searching information and 16% agree, 08 % disagree and 04% students are disagree about internet speed. 80%students strongly agree about usefulness of internet, 12% agree and 04 % disagree about usefulness of internet. 52% students are strongly agree about internet provide related information to the students, 24% students are agree, 16% disagree and 08% students are strongly disagree about related information. 68 % students are strongly agree about huge information, 12% agree, 12% disagree and 08% students strongly disagree about huge information.88% students strongly agree about through internet save the time and money, 08% agree and 04% students strongly disagree about save the time and money. 84% students strongly agree flexibility of internet,12% students agree and 04% students disagree about flexibility of internet and e-resources.

**Table No.3** Effectiveness of e-mail providers

Sr no.	E-mail providers	Very efficient	efficient	In efficient	Very inefficient	I don't know
1	<a href="http://www.yahoo.com">www.yahoo.com</a>	02	00	00	00	00
2	<a href="http://www.gmail.com">www.gmail.com</a>	20	02	01	02	00
3	<a href="http://www.rediffmail.com">www.rediffmail.com</a>	22	02	01	00	00
4	<a href="http://www.hotmail.com">www.hotmail.com</a>				02	23
5	<a href="http://www.sancharnet.in/">www.sancharnet.in/</a>	01	00	00	00	24
6	<a href="http://www.indiatimesmail">www.indiatimesmail</a>	01	00	00	00	24

Table No.3 show that 08% students says that yahoo.com e-mail services are very efficient, 80% students about www.gmail.com services is very efficient, 08% students efficient and 04% students in efficient. 88% students says that www.rediffmail.com e-mail providers service are very efficient, 08% students efficient, 04% students in efficient services.08% students says that www.hotmail.com e-mail service providers are very inefficient and 92% students says that I don't know this e-mail providers. 04% students opinion about search.net services are very efficient and 96% students says that I don't know about this e-mail providers. Only 04% students says that www.indiatimesmail services are very efficient and 96 % students don't know about this services.

**Table No.4** Spending time for accessing internet

1. Less than 2 hours -02 =08%
2. 3 to 6 hours -16 =64%
3. 7 to 10 hours -07 =28%

Table No.4 indicate that only 08% students says that we only maximum 02 hours spend on internet for accessing electronic resources for learning purpose, 64 % students use of internet about 3 to 06 hours for learning process, 28% students says that we use internet for accessing electronic resources about 07 to 10 hours.

**Table No.05** Problems faced by students while using e-resources

Sr. No	Problems	Very often	Often	Not very often	Not at all	Never
1	Finding	06	09	05	00	06
2	Download speed	10	02	01	03	09
3	Time problem	02	02	01	10	10
4	Do not proper information	03	02	01	09	10
5	Lack of searching	02	02	01	01	19
6	Electricity problem	01	00	00	00	24
7	Technical problem	01	02	03	09	10

4% students says that finding of information problems are arise very often, 36% students often, 20% students not very often and 24% students says than finding problems are never coming while using internet. 40% students speed problems are coming very often, 08% students often, 04 % students not very often and 36% students never arise speed problems.

### III. CONCLUSION

Majority students of M.Sc. Chemistry students their good knowledge about internet and 72 % students opinion about internet is easy to access of information is strongly agree. Majority students are aware about various e-mail services

providers specially gmail.com and rediffmail.com services are company use for their transfer of information and other purpose. 64% students use of internet and electronic resources about 03 to 06 hours in every day for getting information.

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