



**IMPACT OF INTERNET USAGE ON THE ACADEMIC PERFORMANCE OF
UNDERGRADUATES STUDENTS: A CASE STUDY OF THE JIWAJI
UNIVERSITY GWALIOR**

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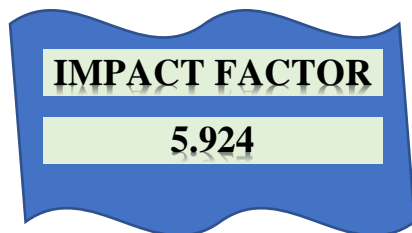
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DOI<https://doi.org/10.5281/zenodo.15205346>**ABSTRACT**

This research work is a study on the Impact of Internet Usage on Academic performance of undergraduate students using Jiwaji University Gwalior as a case study. The research design adopted was the survey method using questionnaires as the instrument for data collection. The population of the study was the entire students of the Jiwaji University Gwalior with students randomly selected from each level making a total sample of 200 students whom were issued questionnaires. Out of the 200 questionnaires distributed, 200 were fully responded to and returned to the researcher.

Data collected were analysed using inferential statistics, frequency table and percentage. The findings revealed that Internet is one of the beneficial tools in this era of IT not only for business but for academic point of view and enhances the skill and capability of students which assist them in studies and professional life. It also revealed that some of the problem encountered in the usage of Internet includes lack of computer skills, slow internet server and problem of paying for online services.

Keywords : Academic, Making, Findings, Analyzed, Statistics

The internet can be conceived as a rich, multi-layered complex ever- changing text for information dissemination and a medium for collaborative interaction between individuals and computers without regards for geographical limitation of space. The internet today is a worldwide entity



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whose nature cannot be easily or simply defined. To many, the internet is a large computer network linking together millions of smaller computers at numerous sites in various City's belonging to thousands of business, government, research, educational and other organisations. To the internet users, the internet is a global community- one with a very active life. The awake magazine (1997, June 22) has it that internet began as "an experiment by the US department of defence in the 1960s to help scientist and researchers from widely dispersed areas work together by sharing scarce and expensive computer and files. This goal required the creation of a set of connected networks that would act as a co-ordinated whole".

In his own view of the origin of the internet, Ibegwam opines that the internet is a huge computer network made up of many individual computers as servers', which commenced in 1969 under a contract by the Advanced Research Project Agency (ARPA). While awake (1997) has it that the internet came as a result of the generation of interest in a "bombproof" network during the era of the cold war so much that if a part of the network were destroyed, data would still travel towards its destination with help from the surviving parts. Ibegwam, posits that, "the internet was designed in parts to provide communication network that would work even if some of the sites were destroyed by nuclear attack".¹ The internet is a relatively new channel for scholarly resources and contain vast quantities of information that vary a great deal regarding its content, aim, target, group, reliability. Hence, it is important that the end user is aware of the diverse information available on the internet and educated in the criteria by which the information content should be accessed. The internet is one of the beneficial tools in this era of IT world not only for business but for academic point of view and enhances the skills and capabilities of student which assist them in studies and in professional life. Students use the internet as a hub for research in their various fields of study. This can be seen by the way the students consult the internet for assignments, presentations, research works and examinations.

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Statement of the Problem: The lack of funds for effective running of the universities and especially their libraries has adversely affected adequate provision of modern books, updated literate materials and journals where available, are now expensive as warranted by the economic recession, global political crises and currency devaluation compounded by the information explosion that we have witnessed in the global electronic village that the world has turned to. In view of those afore stated problems, Indian students have now turned their attention to the use of internet for the purpose of studying, conducting research and obtaining general information.

Therefore, with more attention given to the internet as a result of its numerous benefits, students who have access to this technology may lose some level of significant interest in using the library. The study therefore is an attempt to access the effectiveness of the use of internet services and how it affects student's academic performances

Objective of the Study The main objective of this study is to find out the use of internet services and how it affects student's performance. Specifically, the aims of the study are to

- Find out the frequency of internet use.
- Find out the most preferred location of internet use.
- Find out the purposes for browsing the internet.
- Find out the most used internet service.
- Find out the influence of internet use on academic performance.



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- Find out the problems faced by students during internet use.

Research Questions: The following research questions have been formulated to guide this study. (3)

- Is there any significant impact of internet & smartphones addictive behavior on academic achievement"
- Is the smart phone addition affect children more than adults?
- Is there any relationship between video games and aggressiveness among children?
- Is eye-sight getting affected by the screen time or blue-rays among children?
- Does prolong screen time results farsightedness or nearsightedness?
- Is there any significant impact of internet & smartphones addictive behavior on their behavior pattern?

Basic Assumptions The following are the assumptions of the researcher.

- Is insomnia becoming common issue among children?
- Does the smart phone use affect sitting posture?
- Is there any significant difference between girls and boys in relation to behavior pattern and academic achievement?
- Is there any significant difference between girls and boys in relation to internet& smart phones addictive behavior in the era of technology?
- Does the wrong sitting posture leads to other health issues?
- Is there any significant relationship between health problems and internet &



smartphones addictive behavior of boys and girls in the era of technology?

Significance of the Study

The study could be beneficial for students as well as for the institution. The valuable feedback gotten from respondents should help students to realise the benefits of internet in their education. Institutes can invest more in internet facilities to enhance the academic performance of their student and produce better results. Note that the relevance of internet facilities is measured by how effective, sufficient and accessible it is to students and users. The research will also provide in-depth insight into the various internet facilities and how students can be able to use them to improve academic performance.

Scope and Delimitation of the Study

The self-report criterion is a limitation. Future research should employ more objective measures of internet use. This study covers all regular undergraduate students in Jiwaji University. These are 100 - 400 levels student including 500 levels law. The study therefore excludes centre for distance learning and continuing education (CDL and CE) students and sandwich students. Also, the study is not restricted to any gender. It includes both male and female, and undergraduates at all level of study.

LITERATURE REVIEW

Concept of Internet The internet according to Wells is a computer mediated communication tool, providing the individual with access to a broad spectrum of information and unique communication technologies. The internet is a global system for interconnected computer networks that use the standard internet protocol suite to serve billions of users worldwide. It is a network of networks that consist of millions of private, public, academic, business and government network of local to global scope that are linked by a broad array of electronic, wireless and optical networking technologies. The internet carries a vast range of information resources and



services such as the inter-linked hypertext documents of the World Wide Web (WWW) and the infrastructure to support electronic (4).

Research Design

To ensure the desired goals and objectives, a survey type of research was carried out because the study is concerned with the collection of data for the purpose of describing and interpreting existing conditions, prevailing practises and attitudes among other things.

Population of the Study

The population for this research is the entire undergraduate students of the Jiwaji University Gwalior

Research Instruments For the purpose of the study, questionnaire titled “use of internet services and students’ academic performance” (UISSAP) was self-administered to the respondents.

Data Collection Procedure The questionnaires were distributed to 200 respondents. The questionnaires were self-administered to the students at various levels. A total of 200 questionnaires were distributed and 200 representing 53% were collected back well responded to on which the analyses were based. Some of the questionnaires were returned at the spot while others were returned on the day agreed by the respondents.

Method of Data Analysis

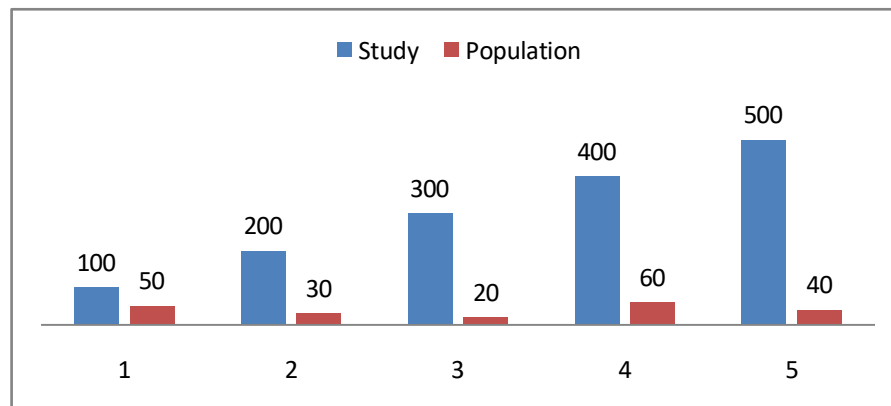
The study has to do with inferential statistics. Inferential statistics is aimed at summarizing the properties of a population from the known properties of the sample of the population. Simple frequency and percentage was used for analysing the data because it will explain the phenomena under study.

data presentation, analysis and discussion of result⁵

Table 1. Population of the Study Level of

Study	Population
100	50
200	30
300	20
400	60
500	40
Total	200

Source: Jiwaji University Gwalior Academic Unit

**Major Finding**

- i. From the study, one can say that undergraduate student use the internet every day of the week.
- ii. A good number of Jiwaji University Gwalior undergraduates have effective computer skills which results to frequent use of the internet.



- iii. The study also reveals that a greater number Jiwaji University Gwalior undergraduate students prefer internet usage from their personal homes.
- iv. The study also reveals that most of the students who use the internet use it to obtain course related information which helps to aid their research, prepare for assignments and get access to current information sources.
- v. The study also reveals that the Google search engine remain the most popular search engine which undergraduate students of the Jiwaji University Gwalior use.

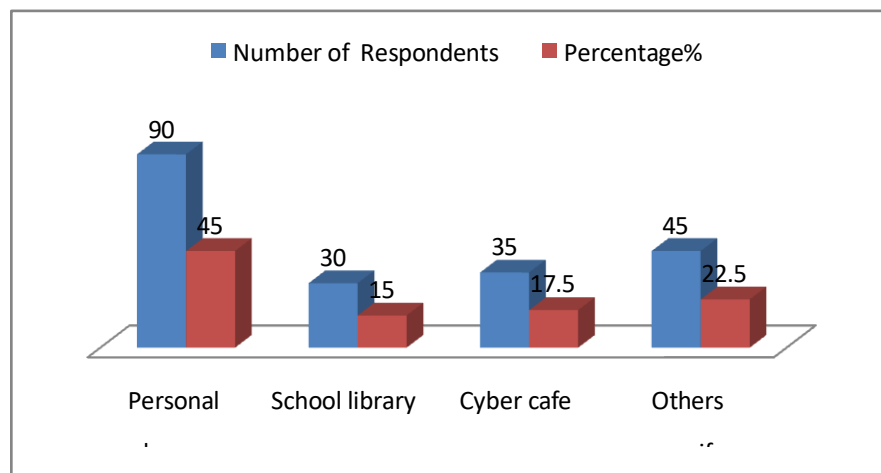
Recommendations

- i. There is a need for extensive training programmes organised at regular intervals so that all categories of users can improve their efficiency in the use of the internet.
- ii. To solve the problem of slow functioning of internet connectivity, the university body should acquire high speed internet connection with maximum bandwidth.
- iii. The cost of browsing should be reviewed downward so that student's access to internet can increase.
- iv. Government should as a matter of necessity improve on the present state of power in the country.
- v. Printing facility should be provided so that users can get print out of their study materials and other important documents.

Table 5: Most Preferred Location of Internet Usage.

Location	Number of Respondents	Percentage%
Personal home	90	45
School library	30	15
Cyber cafe	35	17.5
Other Specific	45	22.5
Total	200	100

Source field Survey 2024.



Conclusion

The fact that internet and its services play an important role on the student's academic performance cannot be over emphasized. This it does through constant exposure of students to up-to-date information and relevant information in their various fields of study. The number of hours spent on the internet will have an effect on the student's academic performance. The study shows that



the use of internet for study purpose and academic achievements are directly proportional to each other. It was revealed that majority of respondents access the internet every day. Even though the access to internet services has been grossly affected by the level of poverty and degree of exposure amongst other factors, the reduction in rates charged at internet and computer education centres could

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