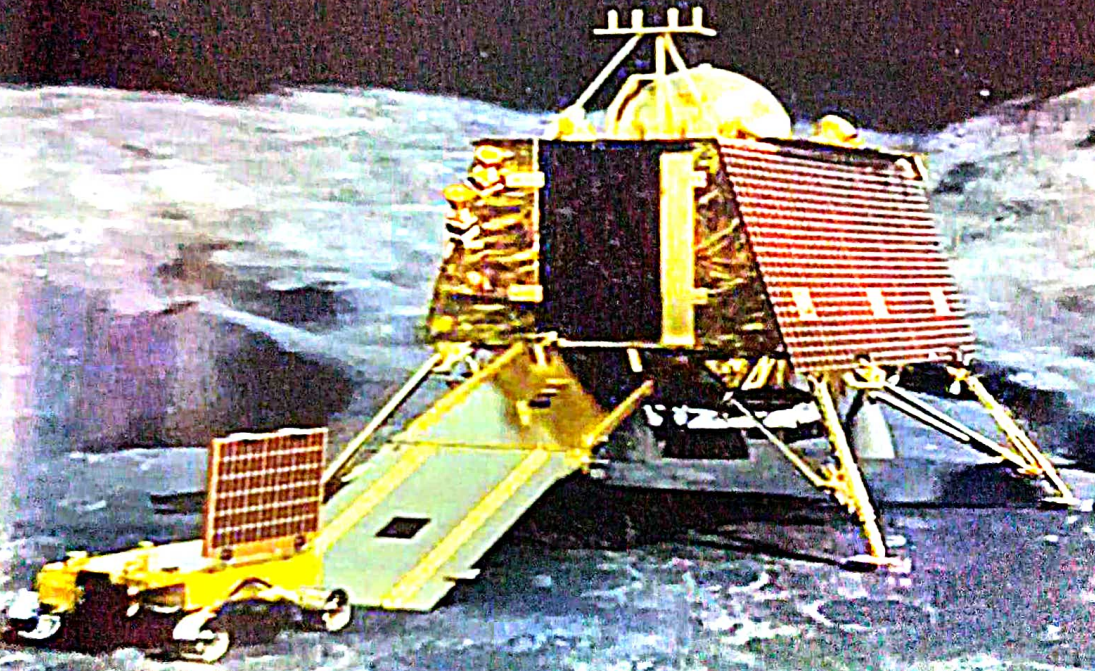


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वर्ष : ९१ • सप्टेंबर २०२३ • पुरवणी विशेषांक अंक-५



प्रकाशक : इतिहासाचार्य वि.का.राजवाडे संशोधन मंडळ, धुळे



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या संस्थेचे त्रैमासिक
॥ संशोधक ॥

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“Internet Addiction on College Students”

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Abstract :

Human have to be strong in body and mind to achieve their desired goals. Many factors affect human health. Many factors threaten human health. Internet is a sophisticated and effective medium that has been widely used in educational and social fields in recent times. But some people are using it wrongly. Its improper use has led to health problems from multiple sources of information. So can excessive use of the Internet be an addiction? Since many faculties are related to the Internet, if the use of the Internet becomes natural, can it unknowingly make the student addicted? Does sexuality influence internet addiction? Due to this curiosity, we undertook the research work.

Information collected from primary and secondary sources provided. In order to measure the translation in a scientific way, we Dr. Kimberly Yung's Internet Addiction Test (IT) was used to obtain intermit addiction test information. Measured Internet Addiction. Art, Science, Engineering, Law, medical College. A sample of 150 students including 15 boys and 15 girls were selected from each group of five levels such as medical college and solved the test. And one way of numerology to analyze the data obtained from it. Two way ANOVA and Post Hoc test analysis methods were used. and studied the interaction between the Internet and academic fields. How does the same ratio affect internet addiction?

Introduction:

Today's age is information age. Radio, T.V., computer, internet, newspapers, magazines,

media are modern means of information transmission. Among these, the most popular and effective tool today is the Internet. We can send information and pictures from one place to another very fast. The Internet is a vast network of information. It is a software that is run by a computer. It has become very easy for humans to exchange information through this medium. Any singer's album you want can be downloaded from the internet and you can enjoy the song you want. Similarly, we can put any video, audio, on the internet. Various social needs and hunger for knowledge are easily satisfied by this. Every sphere of life has been connected with the Internet. Whatever your need is like buying goods from a grocery store, getting information about market price, reading newspaper, it is easily possible today through the internet. This magical city of internet has enthralled everyone from kids to young adults. Everyone uses the internet according to their needs. Children use games, chatting, messages, Face book, e-way, internet for entertainment. Messages and emails have greatly facilitated various offices in their work. It has become a secret and safe way for lovers to express their love. That is why social networking sites like Face book have started to be used on a large scale.

Today it is impossible to find a single person who is not registered on Face book. Internet requires a computer, but new technology has removed this requirement and made the internet accessible through mobile phones. This has brought the internet closer to everyone. Mobil reached from the upper class to the lower middle



class. From this you can say that Internet is a magic. Except for a few exceptions, everyone has become intimate with the Internet. The use of internet is very much unconscious has grown.

Today's common man is so engrossed in such an elusive world that he neglects to take stock of the fact that its use can have bad effects on his life. According to some researchers, the Internet is a double-edged sword. It can be used for good work as well as for bad work. According to American psychologists Baser and Sarah Pressman, if the Internet is used as a social network and for harmony, it can be good for mental health, but if the same weapon is used to create terror, it can have disastrous results. (Conclusion of research paper in American Journal of Science and Psychological Research - 2007)- After reviewing the above research, the question that arose in our mind is whether excessive use of the Internet can be an addiction? Since many faculties are related to the Internet, if the use of the Internet becomes natural, can it unknowingly lead to student addiction? Does sexuality influence internet addiction? Due to this curiosity, we undertook the research work and from it we got the following conclusions.

For this we measured internet addiction. A total sample of 15 boys and 15 girls was selected from each group of five levels namely Arts, Science, Engineering, Law, Medical College. On this Dr. Kimberly Yung's internet addiction test (IT) has been solved. And LSD t test was used to explain the internal differences between the groups by extracting the branch's One Way value to analyze the results obtained from it. Two way ANOVA and the interaction between Internet and educational domains were studied, and how does gender influence Internet addiction? This was also studied.

Problem: A Study of Internet Addiction on College Students.

Objectives:

- 1) To study whether internet addiction varies according to gender?
- 2) To study whether internet use for academic purposes can lead to addiction in students.
- 3) To study the interplay of internet addiction in education sector.

Hypotheses:

- 1) The rate of internet addiction among the students will be seen as compared to the faculty.
- 2) No interaction between Internet addiction and gender discrimination.
- 3) The rate of internet addiction among arts stream students will be more than that of science streams.
- 4) Internet addiction rate of medical faculty students in engineering and law faculty will be less compared to students.
- 5) The rate of internet addiction of engineering students will be more than that of law students.

Variables:

Independent Variables:

- 1) Gender 2) Faculty

Dependent Variables:

Internet addiction Test

Research Tools:

- 1) Dr. Marathi translation of Internet Addiction Test (IAT) by Kimberling Yung.

Sample :

A total of five Shivchhatrapati College, Aurangabad, Government Medical College, P. S. College of Engineering, Dr. Babasaheb Ambedkar Law College, Devgiri College of Science, Aurangabad. Thus branch wise small and unisex student group was selected. 15 boys and 15 girls from each college and their age group A sample of 150 students was selected keeping between 18-28.

**Research Method:**

2x5 Factorial Designs

Gender	Arts	Science	Engineering	Law	Medical	Total
Male	15	15	15	15	15	75
Female	15	15	15	15	15	75
Total	30	30	30	30	30	150

Statistical Methods:

One way, Two way and Pro Hoc Test alternative techniques to analyze the data collected through Internet Addiction Test allowed the researcher to study the gender difference and faculty separately.

Result: From the present research we got the following results.

Table no. 1.1

Mean and Standard Deviation of Internet Addiction by Gender and Faculty

Faculty	Gender	Mean	Std. Deviation	N
Arts	Male	29.2000	16.63130	15
	Female	32.8667	15.5196	15
	Total	31.0333	15.91461	30
Science	Male	42.4000	12.16435	15
	Female	45.0000	12.43268	15
	Total	43.7000	12.15744	30
Engineering	Male	42.4000	17.72596	15
	Female	45.0000	19.04806	15
	Total	43.7000	18.76228	30
Law	Male	29.2667	9.94604	15
	Female	19.4000	8.68222	15
	Total	24.3333	9.48374	30
Medical	Male	20.0667	16.60551	15
	Female	15.3333	17.81733	15
	Total	17.7000	16.93018	30
Total	Male	28.4267	16.59060	75
	Female	26.5600	18.40919	75
	Total	27.4933	17.48969	150



Table no. 1.2
Summary of Variance:

Internet Addiction	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	12816.960	4	3204.240	14.182	0.01
Within Groups	32760.533	145	225.935		
Total	45577.493	149			

LSD Protected t Test

	17.70	20.70	24.333	31.033	43.733
17.7	--	3	6.633	13.333	26.033
20.70		--	3.633	10.333	23.033
24.333			--	6.7	19.4
31.033				--	12.7

$$\begin{aligned}
 \text{LSD} &= \frac{\sqrt{2 \text{MSW}}}{N} \\
 &= \frac{\sqrt{2 \times 225.935}}{30} \\
 &= 3.88
 \end{aligned}$$

$$t = 95 (N - K) \text{ df } 145 (1.960) \times 3.88 = 7.60$$

$$t = 99 (N - K) \text{ df } 145 (2.576) \times 3.88 = 9.99$$



No. 1.3 Interdisciplinary of Internet Addiction.

Sr. No.	interaction effect	0.05	0.01
1	Differences in internet addiction between science and law disciplines	Not significant	significant
2	Internet Addiction in Science and Medical Sciences the difference	Not significant	significant
3	Differences in internet addiction between science and engineering disciplines.	Not significant	significant
4	Difference between Internet Addiction in Art and Science	Not significant	significant
5	Differences between art and ritual knowledge were observed	Not significant	significant
6	Differences between art and medical knowledge were observed	Not significant	significant

Two Way ANOVAs

Table no. 1.4

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Faculty	12816.960	4	3204.240	14.150	0.01
Gender	130.667	1	130.667	.577	.449 unsig.
faculty gender	926.533	4	231.633	1.023	.398 unsig.
Error	31703.333	140	226.452		
Total	158960.000	150			
Corrected Total	45577.493	149			



Table no. Statistical analysis in 1.4 shows the effect of internet addiction according to different faculties. This is evident from $F = 14.50$ in this table. $<P (4149)$ does not show an effect of internet addiction when considering the gender difference. In this table $F = .$ It can be seen from 577. $<P (utre)$ When considering gender and faculty, the interactional difference between them does not appear to be significant. This can be seen from $F- 1.023$ in this table. $<P (4149)$ -

Discussion:

Humans have to be strong in body and mind to achieve their desired goals.

Many factors affect human health. Many factors threaten human health. He has to pay the price. The Internet is a sophisticated and effective medium that has been widely used in the educational and social spheres in recent times. But some people are using it wrongly. Many sources of information have suggested that health problems may arise from its improper use. So can excessive internet use be an addiction? Since many faculties are related to the Internet, if the use of the Internet becomes natural, can it unknowingly make the student addicted? Internet addiction is influenced by sexuality. what For this curiosity, we undertook the task of research.

Information collected according to the first and secondary data. In order to measure variables scientifically, we Dr. Kimberly Yung's Internet Addiction Test (IT) internet. Used to get addiction test information. Measured Internet Addiction. Art, Science, Engineering, Law, medical College. A total sample of 20 boys and 20 girls was selected from each group of five levels such as engineering, law, medical college

and solved the test. And to analyze the results obtained from it One way of numerology. Two way ANOVA and Post Hoc test were used. and studied the interplay between the Internet and academia. Likewise the Internet of sexism

How do you study the effect on addiction? This was also studied through this. Research findings suggest that Internet addiction does not depend on sexual orientation. This null hypothesis is accepted. This is evident from the table given above.

Conclusion :

The effect of internet addiction is observed branch wise. Overuse of the Internet. This proves that the internet is addictive.

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