

## COMPUTER PHOBIA AMONG STUDENT TEACHERS

**Sujata Adamuthe, Ph. D.**

*Arihant College of Education, Pune, Maharashtra*

---

### Abstract

---

Computers are now prevalent on university campuses, secondary schools, businesses & many of our homes, thus computers & technology have become an integral part of our life. Although an increasing number of students are using computers but not all students feel comfortable themselves for computer use that means they have fear of computer & this is called as computer phobia.

Researcher used survey method for research. Standardized computer phobia scale is used for data collection. Percentage is used to show number of students teachers having different level of computer phobia. Very few student teachers (only 4%) of Arihant College of Education, Pune have moderate to high computer phobia.

**Keywords:** Computer phobia, Students teacher

---



*Scholarly Research Journal's* is licensed Based on a work at [www.srjis.com](http://www.srjis.com)

**Introduction** During the past decade there has been an exponential growth in the use of Information Technology (IT), which has made pervasive impact both on society & our daily lives. In the recent years, IT have been used with considerable degree of success to widen access to education, to its quality, to reform & reposition. IT is just another, albeit very powerful resource which now drastically brings out substantial changes in teaching & learning. Computers are now prevalent on university campuses, secondary schools, businesses & many of our homes, thus computers & technology have become an integral part of our life.

Although an increasing number of students are using computers but not all students feel comfortable themselves for computer use that means they have fear of computer & this is called as computer phobia.

### Definition of Computer Phobia

- A person who experiences anxiety about computers and especially about their use.
- A resistance to talking about computers or even thinking about computers.
- Fear or anxiety toward computers.
- Hostile or aggressive thoughts about computers.
- Anxiety about present or future interactions with computers or computer related technology.

- Negative global attitudes about computers, and their operation or their societal impact
- Specific negative cognitions or self-critical internal dialogues during actual computer interaction or when contemplating future computer interaction.
- An individual's negative attitude towards learning the use of computer.

The fear of computer is also known as Cyber phobia.

In today's world, an intense & persistent fear of being around & using computers can be a real deterrent to career, communication & even relationship.

**Need:** The practical related to computer is compulsory in B.Ed. course of University of Pune is for 80 marks. The student teachers from Arihant College of Education are studying the same course & so before start the same practical, the researcher wants to know the level of student teachers computer phobia.

**Importance** According to the level of student teachers computer phobia the researcher will plan to minimize it.

**Statement** To study computer phobia among student teachers of Arihant College of Education, Pune

### **Objective**

To study level of computer phobia among student teachers.

### **Operational Definition**

- Computer phobia: Student teachers fear about computers and especially about their use & which is measured by computer phobia scale developed & standardized by S. Rajasekar & P.Vaiypuri Roga.
- Student teacher: Students who are studying B.Ed. course of University of Pune at Arihant College of Education, Pune for academic year 2012-13.

**Assumption** There is different level of computer phobia among student teachers of B.Ed. Course.

**Scope** The research is related to computer phobia of student teachers of B.Ed. course.

### **Limitations**

1. Student teachers computer literacy is not considered in the study.
2. The results in this study depends on the student teachers response to computer phobia scale.

### **Delimitations**

1. Research is limited to only for student teachers of Arihant College of Education, Pune.
2. Research is limited to only items in computer phobia scale developed & standardized by S. Rajasekar & P.Vaiypuri Roga.

### **Methodology**

**Type of Research** As the researcher is working in Arihant College of Education, this type of research is Action Research.

**Research Method** The data is collected by Survey Method.

**Population** All student teachers from urban B.Ed. Colleges.

### **Sampling**

**Selection of college:** Arihant Education Foundations' Arihant college of Education (ACE), Camp, Pune is selected by purposive method.

**Selection of student teacher:** Out of 100, 93 student teachers are present at the time of data collection & so all 93 student teachers are selected from ACE by incident method.

### **Research Tools**

<b>Data collection Tools</b>	Computer Phobia Scale
<b>Statistical Tools</b>	Percentage

**Computer Phobia Scale** Computer Phobia Scale developed & standardized by S. Rajasekar & P.Vaiypuri Roga is used for data collection. The scale has five point scale which includes points – strongly agree, agree, undecided, disagree, strongly disagree. The scale has been prepared with 29 item out of which 19 items are unfavourable of computer & 10 items are in favour of computer.

0-4 marks are given to unfavourable items of a scale from strongly disagree to strongly agree. 4-0 marks are given to favourable item of a scale from strongly disagree to strongly agree. Maximum marks for a scale is 116. Lower marks indicate more computer phobia.

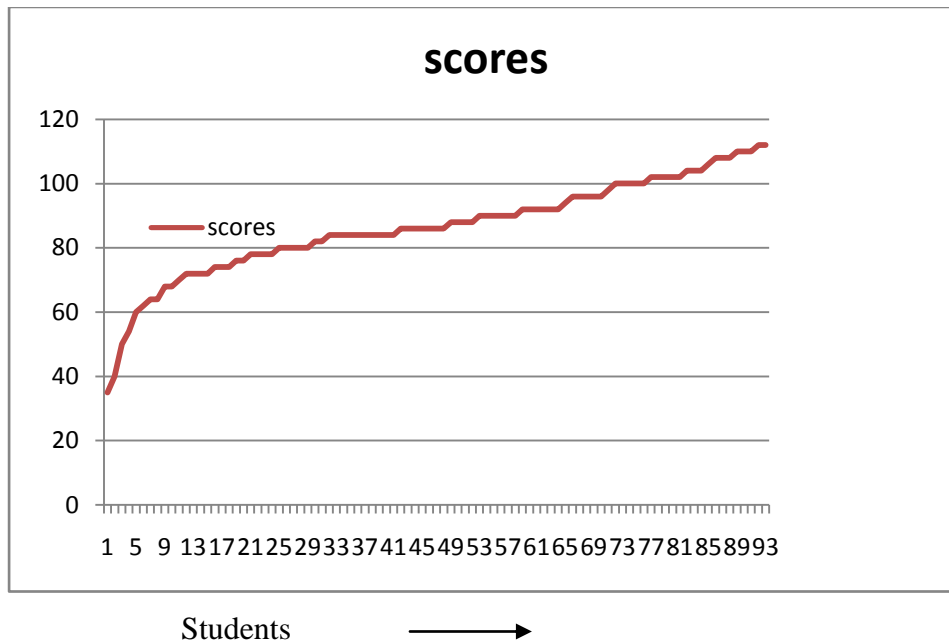
**Percentage** Percentage is used to show number of students teachers having different level of computer phobia.

### **Analysis & Interpretation of collected data**

For the interpretation it is considered that students who obtained marks less than 61 out of 116 (less than 53%) have moderate to high computer phobia. Students who obtained marks greater than 61 but less than 88 out of 116 (54% to 76%) have low computer phobia.

Students who obtained marks greater than 88 (76% & above) have very low computer phobia.

Marks obtained in computer phobia scale by Students teachers are show in following graph. X axis shows number of student teachers & y axis shows their respective scores.



Marks obtained by student teachers in computer phobia scale & number of students & the percentage of student teachers are given in the following table.

#### Student teachers score

Sr. No.	Class Interval (Student teachers score)	Frequency	Percentage of students
1.	110-116	5	44.08%
2.	103-109	7	
3.	96-102	16	
4.	89-95	13	
5.	82-88	23	51.63%
6.	75-81	11	
7.	69-75	8	
8.	62-68	5	
9.	55-61	1	
10.	48-54	2	4.30%
11.	41-47	0	
12.	34-40	2	
Total		93	

From the table, it is cleared that only 4% student teachers have moderate to high computer phobia, 52% student teachers have low computer phobia & 44% student teachers have very low computer phobia.

**Conclusion** Very few student teachers (only 4%) of Arihant College of Education, Pune have moderate to high computer phobia.

**Educational Implication** By studying students teachers computer phobia, the researcher will give instructions to the relative faculties to pay attention towards student teachers according to their level of computer phobia & arrange some action plan to minimize it.

**Suggestion** All B. Ed. Colleges under University of Pune should find out student teachers computer phobia before start computer practical.

### **Selected References**

- S. Rajasekar & P.Vaiypuri Roga. Development & standardization of Computer Phobia scale. Journal of All India Association for Educational Research. Vol.18.Nos.1&2.March 2006.*
- <http://medical-dictionary.thefreedictionary.com/Phobias>*
- <http://www.merriam-webster.com/dictionary/computerphobe>*
- <http://www.changethatsrightnow.com/computer-phobia/symptoms/>*
- <http://www.waset.org/journals/ijhss/v4/v4-9-90.pdf>*
- <http://www.fearofstuff.com/objects/fear-of-computers/>*
- <http://www.tojet.net/articles/v11i2/11210.pdf>*
- <http://staffweb.hkbu.edu.hk/vwschow/Conf19.pdf>*