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Knowledge regarding computer assisted instruction among second year B.Sc (N) students

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Abstract

Back ground: Computer assisted instructions are the small software that are design to provide the instructions help on a given subject. In these the user is given information on different topics of subject one by one after one topic is complete, the user is asked the question related to that topic. If answer given by the user are correct, the software moves to the next topic if answer is not correct, the same topic is explained again and user is tested again. These software are inexpensive and now a days becoming popular. Reduced cost of personal computers have encouraged the people to purchase computers for non-commercial uses also. They purchase these for their home computers and learn different subjects sitting at home.

Aim: To assess the level of knowledge regarding computer assisted instruction among second year B.Sc Nursing students.

Material and method: Study conducted by using the quantitative research approach by using descriptive research design was adopted to assess the level of knowledge regarding computer assisted instructions.

Statistical Analysis Used: The collected data was organized, tabulated, analyzed and interpreted by using descriptive and inferential statistics based on the objectives of the study.

Results and Conclusion: The study result shows that with regard to level of knowledge of students regarding computer assisted instruction out of 30 students 3(10%) were had A grade knowledge, 3(10%) were had B+ grade knowledge, 9(30%) were had B grade knowledge, 2(6.7%) were had C grade knowledge and 13(43.3%) were had D grade knowledge.

Keywords: Food security, rural Odisha

1. Introduction

Computer assisted instructions are the small software that are design to provide the instructions help on a given subject. In these the user is given information on different topics of subject one by one after one topic is complete, the user is asked the question related to that topic. If answer given by the user are correct, the software moves to the next topic if answer is not correct, the same topic is explained again and user is tested again. These software are inexpensive and now a days becoming popular. Reduced cost of personal computers have encouraged the people to purchase computers for non-commercial uses also. They purchase these for their home computers and learn different subjects sitting at home.

Computer assisted instructions, as the name suggests, stands for the type of instructions aided or carried out with the help of a computer as a machine. It just one step ahead of the use of teaching machine and, probably, two of the use of programmed textbook in making the instructional process as self-directed and individualized as possible. Computer influence every sphere of human activity and bring many changes in education, health care scientific research, social science etc. Usage of computer in health care system will save the time, economizes energy and help the nurses to provide quality nursing care.

2. Objectives of the Study ^[5]

- To assess the level of knowledge regarding computer assisted instruction among second year B.Sc Nursing students.
- To find out the association between the level of knowledge regarding computer assisted instruction among the second year B.Sc Nursing students with their selected socio demographic variables.

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3. Detailed Research Plan ^[6]

- **Research Approach:** Quantitative Approach.
- **Research Design:** Descriptive research design.
- **Research Setting:** The setting selected for the study was Narayana College of Nursing at Nellore, Andhra Pradesh
- **Sampling Technique:** Non probability convenience sampling techniques was adopted for selection of the subjects.

3.1 Sample Size: The sample size of the study was 30 second year B.Sc. Nursing students in Narayana College of Nursing.

3.2 Description of the tool

With the help of extensive review from the text books, Journals and Internet the tool will be developed to assess the knowledge regarding computer assisted instructions among second year B.Sc. Nursing students in Narayana college of Nursing in Nellore.

3.3 This tool will be divided into two parts

Part I

It deals with socio demographic variables includes age, religion, education.

Part II

It deals with the structured questionnaire regarding computer assisted instructions.

3.4 Scoring key

The questionnaire consist of 30 questions each correct answers will be rewarded by 1 mark and wrong answer rewarded as 0 mark based on the score the knowledge level was assessed.

3.5 Score interpretation

Grade	Score
A+	More than 85%
A	More than 75%
B+	More than 65%
B	More than 55%
C	More than 50%
D	More than 50%

4. Results and discussion

4.1 Description of demographic variables of among

In respect to age of second year Bsc nursing students 14[46.6%] are between 18-20 years 16[53.4%] are between 19-20 years.

- In respect to religion of second year Bsc nursing students 25[83.3%] are belongs to Hindu, 1[3.3%] are belongs to Muslim, 3(10%) are belongs to Christian and 1(3.36%) are belongs to others.

Table 1: Level of knowledge regarding computer assisted instruction among II year BSC nursing students, (n=30)

Level of knowledge	Nursing students	
	Frequency (f)	Percentage (%)
A	3	10
B+	3	10
B	9	30
C	2	6.7
D	13	43.3
Total	30	100

Table - 3 : shows that with regard to level of knowledge of students regarding computer assisted instruction out of 30 students 3(10%) were had A grade knowledge, 3(10%) were

had B+ grade knowledge, 9(30%) were had B grade knowledge, 2(6.7%) were had C grade knowledge and 13(43.3%) were had D grade knowledge.

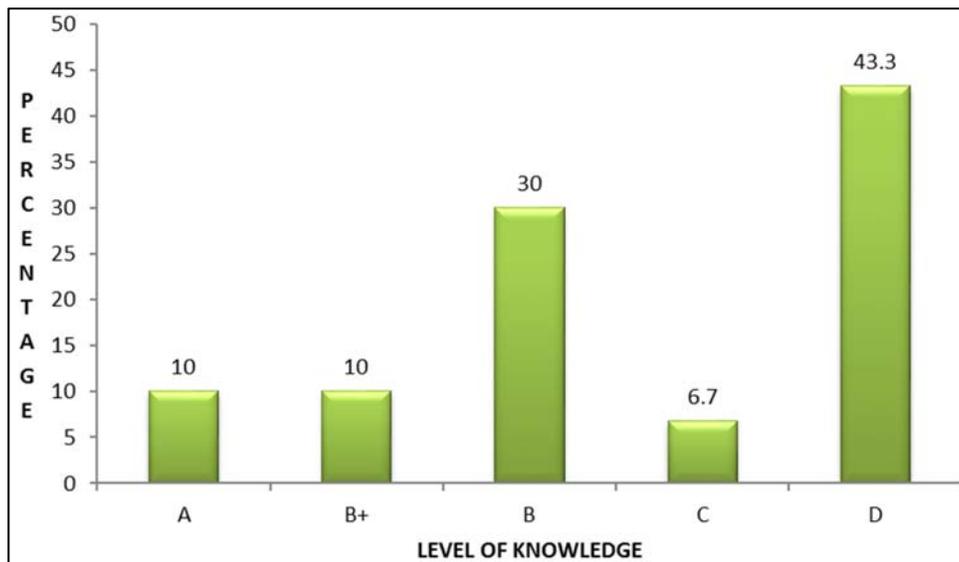


Fig 5: Percentage distribution of level of knowledge on students nurses

5. Implications of the study

5.1 Implications of the study

The findings of the study have various areas of nursing and nursing education and nursing administration and nursing research.

5.2 Nursing education

- The nursing curriculum should focus on updating the level of the knowledge regarding computer assisted instructions among second year B.Sc nursing students.
- The nurses need to have adequate knowledge regarding computer assisted instruction.
- Nursing education help the student to develop more insight into new knowledge regarding computer assisted instruction.
- Education programme should emphasize the students to improve their knowledge on computer assisted instruction.

5.3 Nursing practice

- Health care provides have responsibility to increase the level of knowledge.
- Regarding computer assisted instruction among II year B.Sc (N) students.
- The study reveals that the level of knowledge regarding computer assisted instructor.

5.4 Nursing research

- Extensive research can be carried out to assess the knowledge regarding computer assisted instructor.
- A finding of the study can be discriminated through the printed journals.

5.5 Nursing administration

- Nurse administrator should plan for workshop to improve knowledge regarding computer assisted instructions.
- Nursing administrator should develop certain plans and polices to be implemented to improve the knowledge regarding computer assisted instructions.

6. Conclusion

The study findings concluded majority of second year B.Sc nursing students had D grade knowledge.

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