



A study to assess the knowledge on microteaching among IV Year B.Sc Nursing Students in Sree Narayana Nursing College, Nellore

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Abstract

Background: Micro teaching has been widely used in pre service teacher education programme to enhance prospective teacher's instructional experiences within English language training programmes. The use of microteaching offers valuable opportunities for trainee. Teachers to develop effective teaching strategies. Understanding the perceptions and concern of student teachers is crucial for promoting teacher education programmes out comes.

Objective: To assess the knowledge regarding micro teaching among the IV year BSc nursing students. To find out the association between the micro teaching practice among the IV year BSc nursing students with their selected socio demographic variables.

Material and method: The present study was conducted by using quantitative approach and descriptive design. The samples were selected by using non probability convenience sampling technique.

Results and Discussions: level of knowledge on micro teaching among IV year BSc (N) students, 1 (3.3%) student had 85% (A+) knowledge, 3 (10%) had more than 75% (A) of knowledge, 8 (26.7%) students had more than 65% (B+) of knowledge, 12 (40%) students had more than 55% (B) of knowledge, 4 (13.3%) students had more than 50% (C) of knowledge, 2 (6.7%) students 50% (D) of knowledge.

Conclusion: The study concluded that majority of IV year BSc (N) students had more than 55% (B grade) of knowledge (12 out of 30), had more than 65% (B + grade) of knowledge (8 out of 30).

Keywords: micro teaching and IVth yr. B.Sc. (N) students

Introduction

Teaching is a distinctively human activity imparting knowledge" and the learning process means by which the student assimilates the information and share the content. Teaching is stimulating and challenging the student to learn of enhancing has realization of the values of a subject helping them to know their own resources in formulating and pursuing a methods of attack learning in their subject. The teaching method appeal through sensory perception to enhance, the understanding of learning progressive method of teaching provide suitable opportunities for learning by doing 'co-operation' and experimentation. Micro teaching is miniature class room teaching the time selected for teaching, a particular unit is reduced to 5-10 minutes. It can be a very potent tool for the acquisition of skills but it does not need a fair amount of time in order to allow students the enhance to teach and re teach several times.

Need for study

Brighton (7:25) states that "The only effective motive for change is one that comes from within" perceptual changes can come about through self evaluation procedures self evaluation of one's own teaching holds an important position in education.

Statement of problem

"A study to assess the KNOWLEDGE ON MICRO TEACHING AMONG THE IV YEAR BSc NURSING IN SREE NARAYANA NURSING COLLEGE , Nellore."

Objectives

- To assess the knowledge regarding micro teaching among the IV year BSc nursing students.
- To find out the association between the micro teaching practice among the IV year BSc nursing students with their selected socio demographic variables.

Assumptions

IV year BSc nursing students have some knowledge regarding micro teaching.

Operational definitions

Knowledge

It refers to the level of information known by the BSc nursing students regarding micro teaching it is assessed by using structured questions.

Nursing Students

Those who are studying IV year BSc nursing in Narayana College of Nursing.

Microteaching

Micro teaching is like a simulated social skill teaching to provide the feedback to teacher trainee for the modification of teacher behavior.

Delimitations

- The study is delimited among the IV year B.Sc. nursing students.
- The sample size 30 only
- The study is limited to 2 weeks

Methodology

Research Approach

Quantitative research approach

Research Design

Non experimental descriptive research design

Setting of the Study

Sree Narayana Nursing College, Nellore.

Population

Target population

It consist of all the nursing students in Nursing college

Accessible population

The nursing students those who are studying in IV year BSc (N) in Sree Narayana Nursing College.

Sample

IV year BSc (N) students those who are studying in Sree Narayana Nursing and College who fulfill the inclusion criteria.

Sampling Technique

Non probability Convenience sampling technique SAMPLE

Size

30 IV year BSc Nursing students.

Sampling Criteria

Inclusion criteria

Students those who are:

- Studying IV year BSc. (N) in Sree Narayana Nursing College.
- Who are available at the time of data collection

Exclusion criteria

Students those who are:

- Studying other courses of nursing including PBB Sc. (N).
- Students who are not willing to participate in the study.
- Studying First year, second year, Third year, BSc Nursing.

Variables

Independent variables

The level of knowledge of IV year BSc nursing students regarding micro teaching.

Demographic variables

Age, medium of education in intermediate.

Description of tool

Part-A: It consist of socio demographic variables of students which include age, medium of education in intermediate.

Part-B: It consists of structured questionnaire to assess the knowledge of IV year BSc (N) regarding micro teaching.

Score Interpretation

The level of knowledge regarding micro teaching among the IV year BSc. (N) students was categorize as follows.

Table 1

Level of knowledge	Score
More than 85%	A+
More than 75%	A
More than 65%	B+
More than 55%	B
More than 50%	C
Less than 50%	D

Data analysis and interpretation

- **SECTION-I:** Frequency and percentage distribution of demographic data of IV year BSc (N) students.
- **SECTION-II:** The level of knowledge regarding micro teaching among IV year BSc (N) students.
- **SECTION-III:** Mean and standard deviation of knowledge of score among IV year BSc nursing students.
- **SECTION IV:** Association between the levels of knowledge regarding microteaching among IV year BSc nursing students with their selected socio-demographic variables.

SECTION-II

The level of knowledge regarding micro teaching among the IV year BSc (N) students.

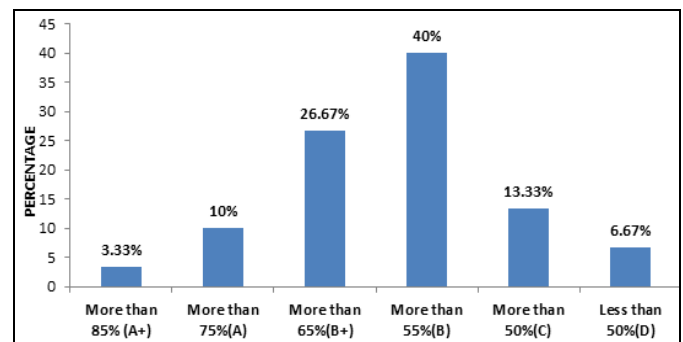


Fig 1: level of knowledge

SECTION-III

Mean and standard deviation of knowledge regarding microteaching among IV year BSc Nursing students.

Table 2

Sample categories	Mean	Standard deviation
Student nurses	22.47	4.09

SECTION IV

There is no association between the knowledge on microteaching among IV year BSc (N) students with their

selected socio demographic variables.

Discussion

Finding of the study based on Objectives

To assess the level of knowledge regarding microteaching among IV year BSc (N) students

The results shows that regarding to the level of knowledge on micro teaching among second year BSc (N) students, 1 (3.3%) student had 85% (A+) knowledge, 3 (10%) had more than 75% (A) of knowledge, 8 (26.7%) students had more than 65% (B+) of knowledge, 12 (40%) students had more than 55% (B) of knowledge, 4 (13.3%) students had more than 50% (C) of knowledge, 2 (6.7%) students 50% (D) of knowledge.

Shows mean and standard deviation of microteaching among the IV year BSc (N) students.

- The study reveal that Mean knowledge score of second year BSc (N) students was 22.47 with standard deviation of 4.09.

Summary, conclusion, implication and recommendation

Nursing implications

- The scientific knowledge of microteaching helps to improve the knowledge. The findings of the study have implications to nursing education, nursing administration and nursing research.

Nursing Practice

- Nursing students can utilize the knowledge regarding microteaching for nursing practice.
- Nursing students can plan accurate and effective nursing interventions based on the knowledge regarding microteaching

Nursing Education

- Education program should emphasize more on teaching of nursing students to improve their knowledge regarding microteaching.
- The nursing curriculum should include microteaching practice to improve the nursing education.

Nursing Administration

- Nursing administration should organize in-service education/workshop/ simulation/CNE/seminar on microteaching to improve the knowledge regarding microteaching among second year BSc (N) students.
- The nursing administration should develop certain plans and policies to be implemented to improve the knowledge on microteaching.
- Nursing administration also should undergo in-service education program on microteaching.

Nursing Research

- Extensive research can be carried out to assess the knowledge regarding microteaching.
- Research on knowledge regarding microteaching can be conducted in college setting.

Nursing recommendations for future research

- A similar study can be replicated on a large sample to generalize the findings.
- An experimental study can be conducted to assess the effectiveness on teaching program on microteaching.
- Similar study can be done on different College settings.

Conclusion

The study concluded that majority of IV year BSc (N) students had more than 55% (B grade) of knowledge (12 out of 30), had more than 65% (B + grade) of knowledge (8 out of 30).

Reference

1. Basavanthappa Bt the text book of NURSING EDUCATION, first edition, jaypee brothers publications page number, 2003, 408-413.
2. CLEMENT the text book of NURSING EDUCATION first edition, jaypee brothers publications page number, 2014, 139-140.
3. CLEMENT the text book of COMMUNICATION AND EDUCATION TECHNOLOGY, second edition, Emmess medical publications page number, 224-228.
4. PNEERAJA K. The text book of NURSING EDUCATION, first edition, jaypee brothers publications page number, 2003, 288-294.
5. Tryphena t. Sheeba, text book of communication and education technology, first edition, front line publications page number, 102-104.
6. IOSR journal of research and method in education IOSR –JRME 2320-7388, 2011; 1(4):69-76.ISSN:2320-737X
7. Inter national journal of business and social science, 2012; 3(4).
8. Turkish online journal of educational technology April 2013; 12(2).
9. Inter national research journal of inter disciplinary and multi disciplinary, 2015; 1(1):206-210.
10. Arsal z. The effect of Microteaching on the critical thinking Disposition of pre service teachers. Australian journal of teacher education, 2015; 40(3).
11. Pauline RF. Microteaching: An integral part of science methods class Journal of science Teacher Education, 1993; 4:9-17.
12. Mrs. S Suchitra, Ms. Vidya viayan. knowledge on Microteaching, Narayana Nursing Journal, 2017; 6(1):44-46.
13. http://www.academicjournals.org/sre/PDF/pdf2009/sep/p_eker.pdf.
14. <http://www.eric.ed.gov/contentdelivery/servlet/ERICServlet>.
15. http://www.heacademyac.uk/resources/detail/resourcedata_base/
16. http://www.ascilite.org.au/conference/puth04/mc_loughlin.html