



**STUDY TO EVALUATE THE ACADEMIC OUTCOME OF THE CHANGE IN
PLACEMENT OF THE COURSE OF MICROBIOLOGY FROM B. SC NURSING 1st
YEAR TO B. SC NURSING 2nd YEAR**

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ABSTRACT

There is a shift in student perspectives as they move from first to second year. Survey comment analysis shows that while first year students are more focused on academic and social integration, second years are more achievement driven, which suggests that students concentrate more on performance and establishing their academic identity when they enter their second year. This study shows that performance of students in microbiology was improved from 68% of B. Sc Nursing 1st year to 75% of B. Sc Nursing 2nd year.

KEYWORD: Microbiology; Nursing; curriculum.

INTRODUCTION

The idea of curriculum is hardly new but the way we understand and theorize it has altered over the years and their remains considerable disputes as to meaning.^[1,2] In colleges specific courses make up the individuals curriculum allowing one to obtain a degree or certification in a certain field usually an individual will have to complete certain amount of general education courses and then specialized courses with in a chosen field.^[3,4] In this way the curriculum individualizes to the person's desire for a certain type of expertise not following the prescribed curriculum may mean not obtaining a degree.^[5,6] The need to evaluate curriculum arises because it is necessary for both teachers and students to determine the extent to which their current curricular program and its implementation have produced positive and curriculum suitable outcomes for students.

OBJECTIVES

To evaluate the academic outcome of the change in placement of the course of microbiology from B. Sc nursing 1st year to B. Sc nursing 2nd year

DESIGN

A survey research approach was considered to be appropriate for the present study in order to evaluate the change in placement of course of Microbiology from B.sc nursing 1st year to B.sc Nursing 2nd year in terms of

academic outcome at M.M College of Nursing Mullana (Ambala). The research design adapted in present study was Correlation research design.^[7]

METHOD

This study was conducted in MM College of nursing, Mullana Ambala. A convenient sampling technique was used for selecting samples. A total 198 students were included in this study.

-98 students of B.sc Nursing 3rd year who have studied microbiology in B. Sc Nursing 2nd year.

-100 students of B.sc Nursing 4th year who have studied microbiology in B. Sc Nursing 1st year. Data was collected on the basis of analysis of detailed mark sheets of students.

RESULTS

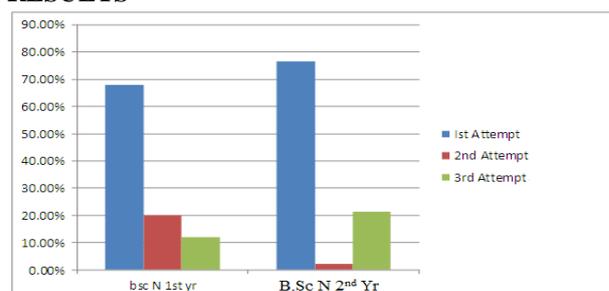


Table 1: frequency and percentage distribution of sample subjects according number of attempts to pass in Microbiology.

Table 2

N=75

MARKS OBTAINED (%)	FREQUENCY	SAMPLE (%)
50-59	46	61.33
60-69	28	37.33
70-79	01	1.33

Table 2 depicts that majority of sample (61.333%) scored 50-59% marks, (37.33%) Samples scored 60-69% marks and (1.33%) samples scored 70-79% marks in microbiology in first attempt.

Table 3

N=68

Marks Obtained (%)	Frequency	Sample (%)
50-59	34	50
60-69	24	35.29
70-79	09	13.23
80-89	01	1.47

Table 3: Frequency and Percentage Distribution of Passed Sample subject according to marks obtained in Microbiology by B.sc Nursing Ist year students in first attempt.

Table: 4

N1=100

N2=98

Class	Mean Score	Median Score	SD	Z' Value
B.Sc Nursing Ist year(N1)	59.4	59	14.19	3.65
B.Sc Nursing 2 ⁿ .Sec Year(N2)	52.46	57	12.14	

Table 4: Findings related to relationship between the marks obtained in Microbiology in first attempt by students of B. Sc Nursing 1st year and B. Sc Nursing 2nd year.

So the result shows that the academic outcome improved after the change in the placement of the course of Microbiology from B. Sc Nursing 1st year to B. Sc Nursing 2nd year at M.M College of Nursing, Mullana (Ambala).

DISCUSSION AND CONCLUSION

On the finding of the study the following conclusions can be drawn.

The academic outcome improved after the placement of course of Microbiology from B. Sc Nursing 1st year to B. Sc Nursing 1st year to B. Sc Nursing 2nd year. The number of passing students improved from 68% of B. Sc Nursing 1st year to 75% of B. Sc Nursing 2nd year. The percentage of sample subjects scored 50-59% marks in microbiology improved from 50% of B. Sc Nursing 1st Year to 61.33% of B. Sc Nursing 2nd year after the placement of course of microbiology from B. Sc nursing 1st year to 2nd year.

Therefore it is concluded that the placement of course of Microbiology from B. Sc Nursing 1st Year to B. Sc Nursing 2nd year was effective in terms of improvement of academic outcome.

IMPLICATIONS: The findings of the present study have implications for Nursing administration, Nursing education and Nursing Research.

Nursing education

This study indicates a big challenge for nursing curriculum planner to evaluate the effectiveness of curriculum change in term of academic outcomes.

Nursing Research

Through the publication of research findings student knowledge can be promoted by nurse researcher. Further study can be done on large scale in different settings.

RECOMMENDATIONS

On the basis of the finding, the following recommendations are offered for future research.

The study can be replicated on a large scale to validate and generalize its findings.

The study can be reconstructed in different settings.

Correlation study can be conducted on two different sample groups.

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