

Outline on Selected Teaching Strategies to Improving The Knowledge of B.Sc. Students in Physics

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ABSTRACT:

This research is designed to study about the Effectiveness of selected teaching strategies in improving the knowledge of B.Sc., Students in Physics. Physics is the very important area in Science. The main purpose of the study is to identify the problems faced by the under graduate Physics students and how it can be rectified to generate in their field of Physics. In Physics, teaching methods are different principles and methods that are used to instruct students in a learning environment. The methods used by a lecturer will depend on the skills or information the lecturer would like to convey to their students. Some of the most common teaching methods are memorization, class participation, recitation, and demonstration. While these teaching methods are widely used, every instructor has a specific teaching method. Lecturers must be flexible in their subjects and often adjust their style of teaching to accommodate their students. Efficient teaching methods are essential tools that can help students to achieve success in the classroom. In college level each student has a different personality and learning abilities. There are several factors that a teacher must consider when choosing a teaching method for their students. Some determining factors for selecting a teaching method include the student's interest and background knowledge, as well as their environment and learning abilities.

KEYWORDS: Knowledge, Physics, Teaching, Learning, Achievement

OBJECTIVES OF THE STUDY:

1. To find out whether there is any significant difference between first year and second year under graduate students in physics towards intelligence.
2. To find out whether there is any significant difference between first year and final year under graduate students in physics towards intelligence.
3. To find out whether there is any significant difference between second year and final year under graduate students in physics towards intelligence.
4. To find out whether there is any significant difference between first year and second year under graduate students in physics towards Achievement.
5. To find out whether there is any significant difference between first year and final year under graduate students in physics towards Achievement.
6. To find out whether there is any significant difference between second year and final year under graduate students in physics towards Achievement.

METHOD OF THE STUDY: In this study the investigator adopted Experimental method.

POPULATION FOR THE STUDY:

“A population is any group of individuals that have one or more characteristics in common that are of interest to the researcher. The population may be all the individuals of a particular type, or a more restricted part of that group” (John Best, 1999)

The population for the present study consists of Undergraduate students studying in Department of Physics.

TOOLS USED FOR THE PRESENT STUDY:

1. Multiple Intelligence test tools
2. Achievement test in Physics

CONCLUSION:

Lecturer should also avail themselves of the available opportunities to attend in related subject training. They should also cultivate the habit of reading journals, articles especially those on experimental studies. Lecturers in the department should be encouraged to carry researches on methods of teaching sciences and how to find solution for the problems in teaching – learning process.

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