INTRODUCTION

“It is the supreme art of the teacher to awaken joy in creative expressions and knowledge.” “Teaching should be such that what is offered is perceived as a valuable gift and not as a hard duty.”

Albert Einstein, German born Physicist and Nobel Prize winner (1879-1955)

Teaching is the process by which the teacher gives or imparts knowledge or skill to the students whereas, Lecture is a formal talk given by a trained or experienced teacher to a large group of students which includes clarification or the explanation of facts, principles or relationships between various concepts that are directly related to the educational objective. We are living in a world where information and knowledge is being produced at a rapid rate due to the advancement in the new technologies. Education is the first-line defence in the present-day world with all its revolutions. The expanding knowledge and the advancing technologies in many fields are having modifying effect on the curriculum and at the same time their effect can be seen on the instructional process leaving no choice to education but to review its practices and to make the major changes necessary for today’s world. New methods and materials of instruction, demands for new and different teaching skills.

More important than the curriculum is the question of the methods of teaching and the spirit in which the teaching is given. Teaching in nursing encompasses both cognitive and artistic aspects. Teaching skill and technical competency in teaching have effect on the students learning. One of the most important principles in education is adopting a teaching method in accordance with objectives, contents and learners. New research indicates that students can learn more and act at a faster rate, than was previously taught, by means of improved teaching strategies aimed specifically at enhancing memory storage, retrieval, cognition and learning. Clinical practice is an essential part of the nursing student’s education. This preparation allows the students, the opportunity to link theory with practice of caring for patients. Various research have demonstrated that nursing students experience problems and difficulties throughout their clinical practice.

Lecture using the Power point presentation is one of the methods where the teacher prepares his/her lesson on the computer and can even include the videos of the demonstration which could be shown to many students at a time. The lecture using PPT
is the method used most frequently in video teaching. Video is a multi-dimensional and general medium of communication.

Lecture cum demonstration is a combination of teaching or oral presentation with activity or practical work related to the facts and principals of a delivered lesson by the teacher. These may be in the nature of properties of matter, explanation of structure or steps of a procedure. The lecture-demonstration method is used extensively in teaching sciences and nursing subjects. Because of its economy of time and equipments, it is often used to replace individual laboratory work in the sciences.

The advantages of demonstration are: the teacher illustrates the co-ordination of head, heart and hands which is essential for the development and refining of psychomotor skills and observational skill.

Lecture cum demonstration increases the practicability and knowledge of the students on mental status examination. Many studies show that lecture cum demonstration is one of the important methods in teaching and learning.

**NEED FOR THE STUDY**

Assessing a patient’s cranial nerve is one of the skills that nurses, and other medical practitioners needs to know. In the teaching of cranial nerve assessment, a nurse educator may choose various method for the purpose of teaching and demonstration. This serves as the foundation of the study, whereby two teaching methods: 1) lecture using PPT and 2) lecture cum demonstration are used and its effectiveness is determined by evaluating the acquired level of knowledge, skills, and satisfaction. This two constructs are aspects which operationalizes ‘effectiveness’ within the parameters of this study.

Modern Education system is becoming more techno based where IT related activities are playing an important role in teaching different subjects from school level to university level. In the current system rat race technology is replacing the place of the teachers. The honor and respect, which the educators were getting earlier, has been disappearing slowly. “Guru SishyaParmpara” of Vedic age is not found in present education system, due to which Quality in Education is depleting and generating discontentment in the society.

This study aims to enhance nursing education by evaluating the effectiveness of different teaching methods in nursing education programs and implement the best methods. Assessment of effectiveness of teaching in nurse preparation programs (B.Sc N) includes determining effective teaching skills, teachers’ and students’ beliefs about
the teaching and learning process, criteria for evaluation of teaching in nursing education. Identifying these components is necessary for educators to improve their teaching, and, ultimately, for helping aspiring nurses acquire the satisfaction, skills, and knowledge that are needed in nursing practice.

There are many teaching approaches that a nursing educator can choose from, from traditional oral or lecture approaches with the aid of technology, to hands-on activities. The pedagogical choice needs to be an informed, as teachers are partly accountable for the students’ learning. Many studies have sought to determine which approach is appropriate one disseminate knowledge to the students. Today’s world has seen an influx of classroom technological aims. With regard to today’s technological advancement, it is necessary to test the efficacy of the technology in the nursing class.

Nursing is a profession which requires diligent preparation of the students so as to enable them to develop their skills. Before the student is exposed to the ward for his/her actual practice on the patient, it is very much important that the student learns the skill. One of the subjects in nursing is fundamentals of nursing which aims to teach the basic skills to the student. The traditional method of lecture cum demonstration is being followed as a method of teaching in maximum number of nursing institutes but the researcher feels that this method is not much effective where the classroom size is more. Presently many students are getting attracted towards the nursing profession as a result of which the size of the class is increasing.

So the researcher felt a need to assess the effectiveness of lecture using PowerPoint method as compared to that of lecture cum discussion so that the best method could be chosen for the students, which would help in increasing the knowledge and skills of the students and prepare them well in advance before they are getting exposed to the patients in the hospital.

**ASSUMPTION**

The study assumes that,

- Teaching methods influence the student’s learning.
- Use of demonstration helps in learning in a better way.