

## A descriptive study to assess the level of study skills efficacy among B.Sc(n) students in selected college at Chennai

I. Suriya\* and R. Asha

Meenakshi College of Nursing, Chikkarayapuram, Near Mangadu, Chennai-69, India.

**Corresponding author:** \*I. Suriya, Meenakshi College of Nursing, Chikkarayapuram, Near Mangadu, Chennai-69, India.

### Abstract

**Objective:** The aim of the study to assess the level of study skills efficacy among nursing students.

**Methods:** A descriptive design was selected in this study. The study was conducted with a sample size of 150, from 17-25years of basic B.Sc Nursing students by using purposive sampling method. The study was conducted in Meenakshi Nursing College Mangadu, Chennai. Based on selection criteria volunteers and samples were selected. For data collection, standardized VAK Learning styles questionnaire was used to assess the learning style efficacy of nursing students. The questionnaire includes three major learning styles such as visual, auditory and kinaesthetic.

**Findings:** The findings revealed that, Most of the students followed auditory 66(44%), visual 58(38.6%) and kinaesthetic 26(17.3%) learning styles. The chi-square value shows that there was a significant association between the learning style and such as age and sex at  $p < 0.05$ .

**Conclusion:** The study finding concluded that most of the students follow auditory learning styles. This study concluded that learning style helps to understand the type of learning that best suits and it enables to choose the types of learning that work best.

**Keywords:** Study skills, College students, Chennai

### Introduction

Learning styles in education are the systematic differences in individual's natural or habitual pattern of acquiring and processing information in learning situations. The use of learning styles in education recommend that teachers assess the learning styles of their students and adapt their classroom methods to best fit each student's learning style. The characteristics of university learners are very varied in terms of age, culture, level of mentality preparedness, intelligence and

psychological conditions, which lead to differences in individual learning styles in sensory modalities [1]. Medical students basically use different approaches to obtain required information, as their learning is affected by learning atmosphere and curricular issues, as well as teaching methods [2]. Learning style is a complicated approach in which the learner should save, recall and process the concepts efficiently and effectively [3].

### Materials and methods

Specific Objectives are to assess the level of study skills efficacy among B.Sc(N) students and Associate the level of study skills efficacy with the selected demographic variables. A descriptive design was selected in this study. The study was conducted with a sample size of 150 (B.Sc(N) I, II, III & IV year), from 17-25years of basic B.Sc Nursing students by using purposive sampling method. The conceptual frame work applied for this study was Health Belief Model. The study was conducted in Meenakshi Nursing College Mangadu, Chennai. Based on selection criteria volunteers and samples were selected Bsc (N) students. For data collection, standardized VAK Learning styles questionnaire was used to assess the learning style efficacy of nursing students. The questionnaire includes three major learning styles such as visual, auditory and kinaesthetic. The collected data were analyzed by using descriptive and inferential statistical methods. Research Instrument consists of two sections Part A: Questions regarding demographic variables. It includes the demographic variables of students such as Age, Sex, Type of family, Fathers education, Mothers education, Level of education, Board of education, Study technique, Practicing any technique to improve memory and Part B: VAK Learning style questionnaire to assess the level of study skill efficacy. VAK learning style questionnaire having totally 30 questions & all questions having three

options such as a, b, c. The tool includes three aspects such as visual, auditory, kinaesthetic.

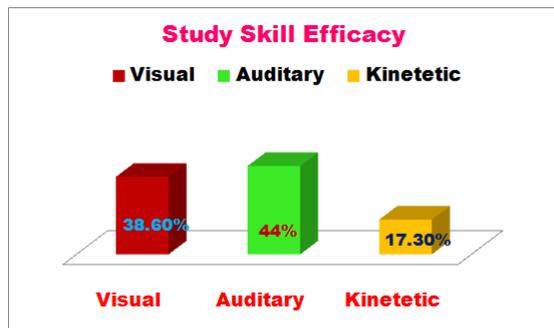
### Results and discussion

The findings revealed that, Most of the students followed auditory 66(44%), visual 58(38.6%) and kinaesthetic 26(17.3%) learning styles. The chi-square value shows that there was a significant association between the learning style and such as age and sex at  $p < 0.05$ .

Radhwan Hussein Ibrahim(2016) was conducted the study on assessment of visual, auditory and kinesthetic learning style among undergraduate nursing students the findings reveal that Visual, Auditory, and Kinesthetic learning style of the study sample was (40.0%), (29.5%), and 30.5% respectively[4]. A recent report made by Liu and Ginther(1999) on American students showed that between 20-30% preferred aural style, that 40% percent preferred visual style and that between 30-40% preferred either reading/writing and kinesthetic or their combination [5]. Lujan and Dicarlo(2006) reported that 36.1% of first year medical students preferred single modal styles and that 63.8% preferred multi modal learning styles [6]. Baykan and Nacar(2007), in their study which was done to investigate the preferred learning styles of first year medical student by using VARK questionnaire, found that 36.1% preferred single modal styles and that 63.9% preferred multi modal style.

### Frequency & percentage of samples. (n=150)

S. No.	Aspects	Frequency	Percentage	Mean & standard deviation
1.	Visual	58	38.6%	13.84 & 4.991
2.	Auditory	66	44%	
3.	Kinesthetic	26	17.3%	



### Conclusion

The study finding concluded that most of the students follow auditory learning styles. This study concluded that learning style helps to understand the type of learning that best suits and it enables to choose the types of learning that work best.

### References

- [1] Miller P. Learning styles: The multimedia of the mind. ED. 2001
- [2] McLeod M, editor. They all Learn the Same... Don't They?: An Evaluation of the Learning Style Preferences of the NZ

- Dairy Industry. International Teamwork in Agricultural and Extension Education Conference Proceedings. 2006
- [3] Mills DW. Applying what we know student learning styles. Retrieved April. 2002;7:2009.
- [4] Radhwan Hussein Ibrahim, et.al (2016), International Journal of advanced nursing studies, Volume- 5, No: 1
- [5] Liu Y, Ginther D. Cognitive styles and distance education. Online Journal of Distance Learning Administration. 1999; 2(3)
- [6] Lujan HL, DiCarlo SE. First-year medical students prefer multiple learning styles. Adv Physiol Educ. 2006;30(1):13–6. Epub 2006/02/17.
- [7] Baykan Z, Nacar M. Learning styles of first-year medical students attending Erciyes University in Kayseri, Turkey. Adv Physiol Educ. 2007; 31(2): 158–60. Epub 2007/06/15.