

# A Comparative Study Regarding Online and Offline Educational Learning Method on Second Year And Third Year Basic B.Sc. Nursing Students in Selected College

Pratima Mohite

HOD & Assistant Professor, Obstetrics and Gynecological Nursing, Dr. V. V. P. F's College of Nursing, Ahmednagar

**How to cite this article:** Mohite P. A Comparative Study Regarding Online and Offline Educational Learning Method on Second Year And Third Year Basic B.Sc. Nursing Students in Selected College, 2021 2022;14(3):118-120

## ABSTRACT

**Background:** The sudden outbreak of COVID 19 pandemic shook the entire world and this situation challenged the education system across the world which forced the educators to shift to an online mode of teaching overnight. However the effective use of online leaning method in nursing field is unknown. **Methods:** A comparative survey research design was used. The sample for the study were second and third year Basic B. Sc. Nursing students. A 5 point Likert scale was used to collect the comparative data. Purposive sampling technique was used to collect the data from 62 students. **Results:** For online educational learning method: 36.33% strongly agree, 11% agree, 38.22% neutral, 12% disagree, 3.5% strongly disagree. For offline educational learning method: 42.36% strongly agree, 1.18% agree, 16.02% neutral, 39.89% disagree, 0.10% strongly disagree. **Conclusion:** The conclusion drawn from the findings of the study is that offline learning method is better than online learning method according to second and third year Basic B. Sc. Nursing students.

**Keywords:** Online, offline, educational learning method

## INTRODUCTION

*Education is the key to unlock the golden door of freedom*

- George Washington Carver

In late December 2019, COVID 19 started wreaking mayhem across the globe thanks to that education was affected vastly. According to the United Nations Educational, Scientific and Cultural Organization (UNESCO), over 800 million learners from around the world were affected due to which they were not able to attend the schools or colleges.<sup>1</sup> As the novel corona virus escalated into a worldwide

pandemic, the schools and colleges all over the world had to shut their doors and were forced to shift to distance learning. This situation seemed temporary at first but even graduating seniors were forced to finish the school year remotely.<sup>2</sup> This situation also affected the medical as well as paramedical fields. Even the nursing institutions were forced to adopt online platforms for teaching the students.

Today, digital information is accessed by everybody and everywhere. In this era of information technology, medical education is now confronted with no challenges. The online health care information is continuously

---

**Corresponding author:** Pratima Mohite, HOD & Assistant Professor, Obstetrics and Gynecological Nursing, Dr. V. V. P. F's College of Nursing, Ahmednagar

**E-mail:** pratimamohite24@gmail.com

challenging medical as well as nursing students to rapidly update and expand their existing body of knowledge. On the other hand, the information competency requirements of healthcare technology, such as utilizing electronic healthcare records, learning systems and aided-diagnosis systems, also present a new challenge for medical as well as nursing students to master, even for questionable digital native learners.

### Need for study

E-learning tools have content a vital role throughout this pandemic and helped schools, colleges and universities facilitate student learning throughout the closure of institutions (Subedi et al., 2020). The use of suitable and relevant method for online education may depend on the expertise and exposure to information and communications technology (ICT) for both teachers and the learners. Some of the online platforms used for teaching included Zoom and Google met which allowed the teachers to create educational courses, training and skill development programmes (Petrie, 2020).<sup>3</sup> These platforms were not only used for teaching purpose were also used for making interactions between teachers and student's parents.

Along with innovation the manner in which we learn new abilities has also changed. Nowadays, due to pandemic many nursing institutions have started using online platforms for taking lectures due closure of the colleges. In addition to completing the course, the doubts are also being cleared online. As lectures are conducted online as

well as offline the main debate has raised that which method is better. The question still remains unanswered that online is better or offline is better in the field of nursing. With offline learning, participants are required to sit in lecture hall, or classroom of college. With online learning, on the other hand, the training can be conducted from practically anywhere in the world.<sup>4</sup>

## MATERIALS AND METHODS

Formal permission was taken from Principal of Dr. V. V. P. F's College of Nursing. Permission was also taken from class coordinators of second and third year Basic B. Sc. Nursing respectively. The students fulfilling the inclusion criteria were selected through non-probability purposive sampling technique for the study. In the present study, the population comprised of 32 second year and 30 third year B. B. Sc. Nursing. On the day of data collection, informed consent was taken from the students and online Google form link was given to the students for data collection. As these students had already attended both online and offline lectures during their academic no any intervention was given, only data was collected. For the questionnaire 5 point Likert scale was used. The data was collected to find out the comparison between online and offline educational learning method.

### Inferential statistics

Unpaired t test was used to find out the comparison between online and offline educational learning method.

## RESULTS

### OVERALL ONLINE PERCENTAGE

<i>Learning Method</i>	<i>Strongly Agree</i>	<i>Agree</i>	<i>Neutral</i>	<i>Disagree</i>	<i>Strongly Disagree</i>
Online	36.33%	11%	38.22%	12%	3.5%

### OVERALL OFFLINE PERCENTAGE

<i>Learning Method</i>	<i>Strongly Agree</i>	<i>Agree</i>	<i>Neutral</i>	<i>Disagree</i>	<i>Strongly Disagree</i>
Offline	42.36%	1.18%	16.02%	39.89%	0.10%

## COMPARISON BETWEEN ONLINE AND OFFLINE

<i>Learning Method</i>	<i>Strongly Agree</i>	<i>Agree</i>	<i>Neutral</i>	<i>Disagree</i>	<i>Strongly Disagree</i>
Online (Series1)	36.33%	11%	38.22%	12%	3.5%
Offline (series2)	42.36%	1.18%	16.02%	39.89%	0.10%

### CONCLUSION

After comparing both the results it showed that students prefer offline educational learning method as compared to online educational learning method according second and third year Basic B. Sc. Nursing students.

### RECOMMENDATIONS

Keeping in view the findings of the study following recommendations were made:

1. Comparative study can be conducted between first and final year Basic B. Sc. Nursing students
2. Similar study can be conducted for the teaching faculty.
3. Similar study can be conducted for other fields also for students as well as faculty members

**Ethical clearance:** Taken from Dr. V. V. P. F's College of Nursing ethical committee.

**Source of funding:** Research was self funded.

**Conflict of interest:** Nil

### REFERENCES

1. Philani. Corona Virus: Don't Let Our Children Down, Global campaign for Education. 18 March 2020 (News Press release)
2. Gorey J. Teaching in Pandemic: How Educators are Handling the sudden shift to Distance Learning, Earth watch News letter. 2022
3. Pokhrel S, Chhetri R. A literature review on impact of COVID 19 Pandemic on teaching and learning, Sage Journals. January 19, 2021.
4. Online vs Offline Math Classes. Which is Better? 2022.
5. Pei, L., & Wu, H. (2019). Does Online Learning Work Better than Offline Learning in Undergraduate Medical Education? A Systematic Review and Meta-Analysis. *Medical Education Online*, 24. Article ID: 1666538.
6. Tang B, Coret A, Qureshi A, Barron H, Ayala AP, Law M. Online lectures in undergraduate medical education: Scoping review. *J Med Internet Res*. 2018 Apr 10;4(1):e11.
7. Mukhtar, K., Javed, K., Arooj, M., & Sethi, A. (2020). Advantages, Limitations and Recommendations for Online Learning during COVID-19 Pandemic Era. *Pakistan Journal of Medical Sciences*, 36, S27.
8. Kemp N, Grieve R. Face-to-face or face-to-screen? Undergraduates' opinions and test performance in classroom vs. Online learning. *Front Psychol*. 2014; 5 (NOV):1-11.