

11

Questionnaire on

“Perceptions of distance online learning among nursing undergraduates from a selected state university in Sri Lanka”.

The data will be collected only for study purposes. Please indicate (×) mark in the appropriate box and state your answers in the given spaces accordingly. Please answer all questions.

Section 01- Socio-demographic Characteristics

1. Your academic year?
a. First Year ☐ b. Second year ☐ c. Third year ☐ d. Fourth year ☐
2. Age at last birthday (age in years):
3. Sex
a. Male ☐ b. Female ☐
4. Your ethnic background?
a. Sinhala ☐ b. Tamil ☐ c. Moor ☐ d. Burger ☐
5. Your religion?
a. Buddhism ☐ b. Hinduism ☐ c. Christianity ☐ d. Islam ☐
e. Roman Catholic ☐ f. Others ☐ (Please specify).....
6. Where do you live during the academic period?
a. my home ☐ b. Hostel ☐ c. Boarding ☐
d. other ☐ please specify
7. What is the type of your family?
a. Nuclear ☐ b. Extended ☐
8. What is the total income of your family (including all the income)? Rs.....
9. Rate your academic performance during last academic year
a. Highest 25% in year level ☐ b. Middle 50% in year level ☐
c. Lowest ☐

Section 02- use of distance online learning facilities

10. How do you access to online learning platforms?
- a. smartphone ☐ b. laptop ☐ c. desktop ☐
- d. tablet ☐ e. Any other (please specify).....
11. What type of data do you use to access learning platforms?
- a) Mobile data ☐
- b) Wi-Fi ☐
- c) Any other (please specify).....

12. How would you grade your internet connectivity? (1=poor to 5=excellent)

.....

13. Hours spent on online learning daily, prior to pandemic?

- a. 1 hour or less ☐
- b. 2-3 hours ☐
- c. 4-5 hours ☐
- d. More than 5 hours ☐

14. How long do you spend daily on learning platforms presently?

- a) 1 hour or less ☐
- b) 2-3 hours ☐
- c) 4-5 hours ☐
- d) More than 5 hours ☐

15. How many times a day do you access LMS/ Google classroom?

- a) Not everyday ☐
- b) Once a day ☐
- c) 2-5 times a day ☐
- d) 5-10 times a day ☐
- e) More than 10 times ☐

16. What is the mode of notification of class schedule?

- a) Via email ☐
- b) Via individual text on cell phone ☐
- c) Though social media, e.g., WhatsApp or Facebook ☐
- d) Through an institution Web site ☐
- e) Other.....

Section 3: Undergraduates' challenges and barriers towards distance online learning

17. Please mark (X) the responses related to challenges and barriers you faced during distance online learning.

	Challenges and Barriers	Yes	No
a)	Pandemic related anxiety/ Mental health difficulties		
b)	Technological devices and internet/ No device or limited access		
c)	Internet connections		
d)	Family income		
e)	Unexpected appearance or interruption of family members/ friends		

f)	Digital competence (Don't know how to use it)/ Lack of technical skills		
g)	Lack of supervision by the academics		
h)	Heavy workload		
i)	Learning platforms are not user friendly		
j)	Unreliable or no internet access		
k)	Difficulty adjusting learning styles		
l)	Need to fulfill responsibilities at home		
m)	Poor communication with educators		
n)	Limited space conducive for studying		
o)	Need to work for extra income		
p)	Lack of basic needs		
q)	Power interruptions		
r)	Mobility restrictions due to community lockdown		
s)	Inadequate skills of educators		
t)	Poor quality of learning materials		
u)	Limited opportunities to interact with peers		
v)	Slow personal laptop, devices		
w)	Difficult to understand the content of the subjects		
x)	Lack of motivation due to absence of face to face contact with friends and lecturers		
y)	Too many different online learning methods used by different lecturers		

Section 4: Undergraduates' perceived effectiveness and satisfaction regarding distance online learning

18. Rank the effectiveness of online learning compared to meeting in regular classroom settings. Please mark (X) to indicate your responses.

	Parameters	Much less effective	Somewhat less effective	Equally effective	Somewhat more effective	Much more effective
	Online learning is effective in					
a)	Offering convenience					
b)	Meeting individual learning needs					

c)	Contributing to effective communication					
d)	Building skills and knowledge					
e)	Offering better understanding through recorded class					
f)	Improving interaction level					
g)	Discussing doubts during sessions					
h)	Balancing of practical and theoretical experience					
i)	Preparing of Professional career					
j)	Assignment submission					

19. Do you feel less anxiety towards online learning (e.g., Zoom, online assignments etc.) now that you have been distance learning for several months?

- a. Yes b. No

20. Do you feel that online learning will provide a similar experience as in-class learning?

- a. Yes b. No

If answer is “No”, Please specify your answer

.....

21. Do you enjoy online interactions more than face-to-face interactions?

- a) Yes b) No

If yes, why?

.....

If no, why?

.....

22. The satisfaction level of students with regard to distance online classes (Please mark (X) the responses)

	Parameters	Strongly dissatisfied	Dissatisfied	Neutral	Satisfied	Strongly Satisfied
a)	How helpful was the class material provided to you?					
b)	How satisfied are you with the balance of practical and					

	theoretical knowledge provided by these classes?					
c)	Professional development strategy towards online training?					
d)	Availability of e-resources					
e)	Availability of assistance for clarifications during online learning					

23. Perceived effectiveness of distance online classes

Please select correct responses on Likert Scale (1 = Strongly agree, 2 = Disagree, 3 = Neutral, 4 = Agree, 5 = Strongly Agree) and write the number on the boxes.

	Statements	Response
a)	My institution has an online learning management system (LMS) or Web site where all information about online classes is available	
b)	All key information about the course is available on LMS or institution Web site	
c)	All course readings, assignments and lectures are available online	
d)	Students are assisted in overcoming obstacles in accessing the classes or materials	
e)	Time allotted for online classes is sufficient.	
f)	I am able to interact with teachers during online classes	
g)	I am able to interact with teachers after online class in the Q&A session	
h)	Every individual is given a chance to participate and share their ideas during online classes	
i)	The teachers are well trained for online classes and are able to use the Video Conferencing App with ease	
j)	Attending classes from home hampers my attention and focus	
k)	Online classes are equally or more informative as compared with active learning in campus	
l)	Demonstration of clinical/laboratory work by the instructor during online classes would help me learn in a better way	
m)	I would like to have these online sessions continued even after campus classes have started	

Section 5: Modified Online learning Readiness Scale (OLRS) by Hung et al (2010)

24. Please select correct responses on Likert Scale of (1 = Strongly agree, 2 = Disagree, 3 = Neutral, 4 = Agree, 5 = Strongly Agree) and write the number on the boxes

	Dimension/items	Statement	Response
1	Computer/Internet self-efficacy	I feel confident in performing the basic functions of MS Office programs (Word, Excel, and PowerPoint).	
		I feel confident in my knowledge and skills of how to manage software for online learning.	
		I feel confident in using the Internet (Google, Yahoo) to find or gather information for online learning.	
2	Self-directed learning	I carry out my own study plan.	
		I seek assistance when facing learning problems from lecturers.	
		I manage time well.	
		I set up my learning goals	
		I have higher expectations for my learning performance	
3	Learner control (in an online context)	I can direct my own learning progress.	
		I am not distracted by other online activities when learning online (instant messages, Internet surfing).	
		I repeated the online instructional materials on the basis of my needs.	
4	Motivation for learning (in an online context)	I am open to new ideas.	
		I have motivation to learn.	
		I improve from my mistakes.	
		I like to share my ideas with others.	
5	Online communication self-efficacy	I feel confident in using online tools (email, LMS) to effectively communicate with others.	
		I feel confident in expressing myself through text/emails.	
		I feel confident in posting questions in online discussions.	

Thank you for your cooperation