



## QUESTIONNAIRE

### **Title: Assessing the feasibility of implementing a flipped classroom in Undergraduate Nursing Education: The Sri Lankan context**

*You are invited to fill in this anonymous questionnaire that asks for background information and questions related to assessing the feasibility of implementing a flipped classroom in undergraduate nursing education. It will take about 10 minutes to respond to the questionnaire items. Filling in this anonymous questionnaire and returning it to the researcher via the collection box at the front of the lecture room indicates your consent to participate. There is no financial cost or reward associated with participation.*

*As a participant, you will benefit by raising your awareness around the areas of blended learning, student-centred education and flipped classroom. A further benefit is that you will have the satisfaction of knowing that you have contributed towards research into this area. Participants have the right to withdraw from participation up to the time of questionnaire hand in. After which anonymity will prevent questionnaires to be returned.*

### **Part A: General information**

1. Academic year. What is your year of study? \_\_\_\_\_
2. What is your age (years)? \_\_\_\_\_
3. Your university (Please tick one box)
  - Colombo University
  - Eastern University
  - University of Peradeniya
4. What is your gender? (Please tick one box):
  - Male
  - Female
  - Gender diverse

### **Part B**

A definition of Flipped Classroom is:  
***(It) "... is a hybrid approach to learning, using video recording to move lecture-type direct instruction to 'self-directed' status and using face-to-face classroom time to interactive learning"*** (Missildine, Fountain, Summers, & Gosselin, 2013, p. 598).

*This is an anonymous questionnaire. Please read the following items and answer all the questions as they relate to your perceptions concerning the flipped classroom. Use the questionnaire to consider each of the following statements and indicate your level of agreement, that is, 'strongly agree' or 'strongly disagree' or somewhere in between. Circle the most appropriate option. Do not take long on any question. Give your initial reaction. There are no right or wrong answers, just choose the best one you can.*

Factor and item description	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree
<b>Student's Perception about Personal Readiness</b>					
1. I am willing to engage in Flipped learning.	5	4	3	2	1
2. I am willing to make the time available for Flipped learning.	5	4	3	2	1
3. I am interested in achieving my learning outcome through Flipped learning.	5	4	3	2	1
4. I need hands-on training for engaging in a flipped classroom.	5	4	3	2	1
5. I am interested in playing online quizzes as a classroom activity	5	4	3	2	1
<b>Student's Perception about Technological Readiness</b>					
1. I can use document viewing software (i.e., Adobe Reader) to read materials.	5	4	3	2	1
2. I can use instant messaging software (i.e., Viber, WhatsApp, Skype and Twitter) to communicate with people.					
3. I can download files from the internet.	5	4	3	2	1
4. I can operate online media players (i.e., VLC Media Player) to watch or listen to multimedia materials.	5	4	3	2	1
5. I can search for the information that I need from online resources.	5	4	3	2	1
6. It is convenient for me to use a computer and/or mobile phone in my learning.	5	4	3	2	1
7. I am familiar with learning from video lectures (eg. in YouTube).	5	4	3	2	1
<b>Student's Perception about Environmental Readiness</b>					
1. I have access to the internet connection in the University (Eg. WiFi).	5	4	3	2	1
2. My university provides the necessary resources for Flipped learning					
3. My university promotes technology-enhanced leaning practices among students	5	4	3	2	1
4. Technical help is available for e-learners in the University.	5	4	3	2	1
5. Computer labs in my institutions are the most important assets for using Flipped learning.	5	4	3	2	1
<b>Student's Perception about Pedagogical Readiness</b>					
1. I prefer a student-teacher interaction at an individual basis (1:1) to clarify doubts.	5	4	3	2	1
2. It would be convenient, if an online platform could be used to interact with teachers and classmates.					
3. I prefer a student-centred classroom learning process (such as role-play, problem-based learning, debates and quizzes) rather than learning from a traditional lecture.	5	4	3	2	1

Thank you very much

#### Reference

Missildine, K., Fountain, R., Summers, L., & Gosselin, K. (2013). Flipping the classroom to improve student performance and satisfaction. *Journal of Nursing Education, 52*(10), 597-599.