

Research Topic

Assessing knowledge, attitude, and practice among undergraduate students on e-learning platforms

Introduction

Communication in the university environment is one of the basic elements on which the student-teacher-university relationship is built. The COVID-19 pandemic has demonstrated the usefulness of these platforms, as more and more universities move to the red scenario, which means that virtually the entire educational process moves to the online system on educational teaching and learning platforms. Therefore, the objective of the present study is to conduct a survey and assess the undergraduate students' knowledge, attitude and practice on e-learning platforms.

Research question

Do e-learning platforms create a positive impact in the education of undergraduate students in terms of knowledge, attitude, and practice?

Expected Sample size

200-300

Sample collection method

The expected sampling method is Random sampling. In case when there are only a few available members of the target population, we will do convenience sampling. The target population will be undergraduate students from all over the districts of Sri Lanka. The sources of data collection will be social media platforms as well as telephone call interviews. Initially, a pilot study will be done among 10-15 participants to identify the issue in the questionnaire. Then the modifications will be done, if necessary, based on ease of understanding and answers provided.

Analysis Plan

- Initially a descriptive analysis will be done to understand the patterns and insights.
- Since the current education system has been moved rapidly to e-learning platforms due to Covid19 pandemic; the suitable way to evaluate KAP (knowledge, attitude and practice) among undergraduate students on e-learning platforms will be comparing before and after Covid19 pandemic.
- We will analyze binary data, ranked data and quantitative data with the chi-square test, rank sum test and t-test, respectively. We will do multivariate analysis to find the impact factors of KAP on e-learning platforms.