
Assessment of ICT competence for Effective Learning Process of Undergraduates at Gampaha Wickramarachchi University of Indigenous Medicine Sri Lanka

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The broad purpose of this study is to assess information and communication technology skills relevant to effective learning possessed by undergraduate students. The study made use of a descriptive survey research design. We used a cluster sampling method. Sample size included 117 undergraduates from the department of technology, Gampaha Wickramarachchi Indigenous Medicine, Sri Lanka. A questionnaire was used for data collection. The reliability of the questions was determined using Cronbach-Alpha method and a reliability coefficient of 0.927 was obtained which indicates a high consistency among the set of questions. 10 research questions groups with subcategories and two hypotheses guided the study. The mean and standard deviation were used to answer the research questions by assigning numbers for each category while the hypotheses were tested using t-test and ANOVA at 0.05 level of significance. The findings revealed that gender and A/L Stream of undergraduate's effect for ICT skill knowledge, while district does not affect ICT skill knowledge of undergraduate students. It was recommended that students need to be encouraged to continue to improve their ICT skills as it will enable them to strive well academically. Further, authorities should ensure adequate and ICT facilities are put in place within the university environment. The literature showed the influence of different variables on ICT skill knowledge of students in different contexts. However, there was little evidence concerning the influence of variables on ICT skill level specially for undergraduates in Sri Lanka. Thus, it is worthwhile to understand the variables that affect the ICT skill level of undergraduates.

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