How do recent graduates of secondary schools in India, now attending university programs in Vancouver Island University, perceive their preparedness to be competitive in a global context, in terms of their functional technological skill set; as examined across both urban and rural and public and private schools?

Introduction

The purpose of the study is to provide a deeper understanding of how young Indian students feel about their technological skills when they enter in global world. The study also aims to find out how competitive the students perceive themselves in the era of technology. The small goal of this study is also to advice Indian department of education about the preparedness of Indian students in global world.

Research Problem

❖ There is a lack for technology preparedness for global competitiveness in Indian students.
❖ There exists a disparity between public and private schools in India (Das, Goli & Pou, 2014).
❖ The facilities provided to students in rural areas and urban areas are different (Budhedeo, 2016).
❖ Whenever Indian students migrate to other developed countries like Canada they feel less confident in using the technology for accessing the information and make use of online resources (Womujuni, 2007).

Instrument Design

The survey instrument consists of two parts, part 1 and part 2.
❖ Part 1 has two questions related to demographic information of the participants asking them about the type of area they belonged to, urban or rural in the country of their origin and the kind of school they attended, public or private.
❖ Part 2 of the instrument contains six questions on the rating scale asking the participants to rate their preparedness for:
  • Making power point presentations as per course requirements
  • Creating a web page
  • Using the web to access university based services such as enrolment and paying fee
  • Using excel for making spreadsheets
  • Possessing the skills of keyboarding
  • Overall using the technology

Hypothesis

The hypothesis made by the author of study is that Indian students, attending university programs in Canada will report that they do not feel competitive in using technology in global context and mostly belong to the rural areas of country India. The students gone to public schools for their schooling will report that they are less technology savvy than the students who went to private schools.

Sample Selection

The population of the present study consists of all the graduates of secondary schools from India now in Canada attending the university programs in Vancouver Island University. The sampling criteria for the study requires that the participants:
❖ are 19 years of age and their country of origin is India and are secondary school graduates now attending university program at Vancouver Island University
❖ complete the consent form and are willing to complete the questionnaire
Interested, eligible, informed and willing participants will complete and submit the online survey using a Survey Monkey online survey platform.

Analysis Techniques

The data collected from survey will be examined using both quantitative and qualitative methods.
❖ Quantitative Analysis- Means, medians, minimums, and maximums will be calculated across all participants for each of the quantitative items and box plots will be created.
❖ Qualitative Analysis- Thematic analysis will be used to interpret the responses of the qualitative items in an effort to summarize and draw meaning from the participant’s responses regarding their perception of being technology prepared and possess technological skills to be competitive enough in the global context.

References


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