

## Usages of voice recognition and personal assistant for undergraduate students

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### Abstract

A voice recognition system is a system that detects and recognizes human voices. Personal assistant systems are just like a human personal assistant, a personal assistant programme can do almost everything that a human personal assistant can do, such as keeping your daily schedule, remind you of the events that you have to attend etc. Every undergraduate has considerable workload to cover in each semester. If students can use a personal assistant system, they can manage their workload easily. The purpose of this study is to determine the usages of voice recognition and personal assistant programs for students. This research is primarily qualitative in nature, where the survey was conducted based on the analysis of primary data and secondary data. Primary data was collected from a randomly selected sample of 200 students from “University of Kelaniya (Faculty of computing and technology)” and “Sri Lanka Institute of Information Technology (Faculty of computing)” by using a questionnaire. The conclusions reached from this study were that out of 200 respondents 45% of students used voice recognition and personal assistant systems. When we consider about those institutes, both of them have similar percentages for this. However, the percentage of using it by the students of Sri Lanka Institute of Information Technology is higher than the students from University of Kelaniya. These systems can improve the student’s knowledge: it will help them with studies and will keep students updated with everything. Nevertheless, the problem is even though these kind of features are available, many students have not any idea about them.

**Keywords :** voice recognition, personal assistant system, undergraduate students.

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