ABSTRACT

Today when technology has walked into every facet of our society, education which is an indispensable and fundamental element, should be given vital importance and cannot be left behind. Mankind has always devised means to help people learn in ways that are easier, faster, surer, or less expensive than previous means. From this perspective, the present study focusses on modern technological implications in academics among students. Educational technology can be traced back to the emergence of very early tools, such as paintings on cave walls (Molenda, 2008; Nye, 2007). However, the use of media for instructional purposes is generally traced back to the first decade of the 20th century.

Use and awareness of Information Technology (IT) is not only an answer to the growing demands for enrollment in education, but is also in tune with the mindset of the present day students and helps to meet the challenges in the growth of knowledge. In this context, the researcher intend to study in the perspective of academics, whether there exists any intermediate library class room for IT awareness; how aware, skilled and comfortable are the school students with IT tools, usage of electronic information resources, different types of information tools and assess the factors that influenced their use of Internet.

Although, on a detailed review of literature, there seems to be barely any study on the adoption of Information Technology (IT), its awareness and use for academic information among the CBSE schools students in Mysore. Under this circumstance, researcher understood the substantiality of conducting such a study that not only unfolds variety of information needs of school students and also gives ways to assess the use of different types of Information Technology tools, shows that students need to learn the basics to keep up in a potentially competitive world of technology. Further, it is hoped that this study also helps the teachers, parents and students to judge the importance of good social media.

The data was collected from 29 affiliated Central Board of Secondary Education (CBSE) schools in Mysore District. The questionnaire was designed to conduct the survey which focused on concepts like awareness and use of Information technology for academic achievement, and perception towards the use of IT in teaching & Learning, Library services. About 2777 students responded to the questionnaires; 29
teachers & 29 School Librarians filled the questionnaires. After receiving the questionnaires from various CBSE Schools (i.e. Students, Computer Teachers, Librarians), the hypotheses was tested with the data obtained from the analysis. Necessary statistical techniques and methods were used to analyze the research data. The data was analyzed by computing percentages and by applying appropriate Statistical techniques. The content analysis technique was also used for analyzing the responses to the open ended questions. The t-test was used for comparing the Perception towards the Information technology used by school students among their academic achievement. After completion of the analysis, the findings were drawn and presented in the form of a report. In doing so, many graphs, charts and figures were used for clarity and simplicity of presentation.

The comprehensive attitude of respondents towards Information Technology (IT) found to be welcoming. This is supported by factors like the positivity shown by respondents in optimum usage of IT tools, best infrastructure in schools, proficient IT knowledge etc. However, since majority of students are using computer at schools, it is a need of the hour to equip the schools with more and more latest IT tools. Also, the students should mainly focus on learning IT skills that help in their academic development. It is necessary that the Librarians and Teachers should create more awareness regarding e-resources (like NCERT e-books, educational blogs etc.). Further, they should channelize students towards constructive use of computers and Internet. Moreover, the Teachers and Librarians should be provided adequate training on Information Technology (IT), with special reference to Education Technology. The present survey is a point of reference with regard to awareness and use of Information Technology for academic information among the students of CBSE schools in Mysore district. The current research anticipate teachers and librarians should actively participate and put maximum effort in realization of technology integration in classrooms which should be efficiently used by students for effective learning and model a successful future.