

THE USE OF ICT BY HIGH SCHOOL STUDENTS AND THE IMPACT ON ACADEMIC PERFORMANCE

M.R. Carranza Alcántar, C. Islas Torres, J.F. Caldera Montes, A.A. Jiménez Padilla, D. Alcaraz

Universidad de Guadalajara (MEXICO)

Education has made a significant turnaround due to the inclusion of Information and Communication Technologies (ICT) in the classroom facilitating the execution of daily tasks, however, it is necessary to consider that being in front of a device for a long time involves neglecting the usual activities, promoting among the students of high school, the application of the least effort, a situation that significantly influences their school performance. Based on this premise, this investigation was conducted to learn about the influence that the use of ICT has on the academic performance of students in a technological high school in the state of Jalisco, Mexico. The general objective of this paper is to describe students' access to ICT and to identify if there is an association between the use of these tools and academic performance, school adjustment and their interest in attending university. The study was carried out under a quantitative methodological approach, in which 988 students who are studying at the high school were surveyed. The descriptive results show that those who have internet access at home are related to the daily hours dedicated to the use of internet or social networks, as well as their interest in attending university; nevertheless, it is also shown that dedicating several hours a day on internet or social networks has a negative relation with academic performance, from which inferred that among more hours using technology school performance could be affected. That is why it is recommended to carry out more extensive studies in which a greater number of variables and indicators could be involved, especially in order to know in depth about the use of ICT by high school students, how they use them, and the search for solutions that allow the Higher Education System to have indicators to help make decisions regarding the best use of these tools in the educational field of high school, projecting an improvement in technology-assisted learning.

keywords: educational technology, access to information, education, internet, social networks.