

## **An Exploratory Study of the Student's Learning Experience by Applying Different Tools for e-Learning and e-Teaching**

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**Abstract :** E-learning is becoming more and more common every day. For online, hybrid or traditional face-to-face programs, there are some e-teaching platforms like Google classroom, Blackboard, Moodle and Canvas, and there are platforms for full e-learning like Coursera, edX or Udemy. These tools are changing the way students acquire knowledge at schools; however, in today's changing world that is not enough. As students' needs and skills change and become more complex, new tools will need to be added to keep them engaged and potentialize their learning. This is especially important in the current global situation that is changing everything: the Covid-19 pandemic. Due to Covid-19, education had to make an unexpected switch from face-to-face courses to digital courses. In this study, the students' learning experience is analyzed by applying different e-tools and following the Tec21 Model and a flexible and digital model, both developed by the Tecnológico de Monterrey University. The evaluation of the students' learning experience has been made by the quantitative PrEmo method of emotions. Findings suggest that the quantity of e-tools used during a course does not affect the students' learning experience as much as how a teacher links every available tool and makes them work as one in order to keep the student engaged and motivated.

**Keywords :** student, experience, e-learning, e-teaching, e-tools, technology, education

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