

Synopsis

It is currently experiencing a period of steady evolution of education in which students require more resources and tools used for obtaining information. One such resource is the use of distance learning environments, where the teacher assigns additional activities for understanding the concepts seen before.

But there are times when the student does not understand the material that is presented because of the representation, so it is necessary to have more options that will facilitate understanding of the content through a different way that is more attractive to the student, achieving a more active participation in the field and an affinity that leads to better academic performance.

This is the aim of this research, which proposes a methodology for the design of adaptive learning tasks based on the student's learning styles, each task based on a teaching model that is the most appropriate to the student's preferences.