INTEGRATION OF PBL METHOD IN EUROPEAN EDUCATION: THE ERASMUS+ EUROBOTIQUE PROJECT AS AN EXAMPLE

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Abstract

The Polytechnic School of the University of Alicante, for two years since September 2016, participates in the European project EUROBOTIQUE, in collaboration with the IES Torrellano (Spain), the Lycée Ozenne of Toulouse (France) and the IIS Caselli of Siena (Italy). The objective of the work presented is to evaluate the results obtained during the first year of implementation of the project. To this end, in the first stage, indicators have been defined to measure the degree of achievement of the project's objectives. Subsequently, surveys have been designed and elaborated to obtain data from these indicators and, finally, the statistical analysis of the survey results has been carried out. This first study involved 22 students and 18 teachers from the Torrellano Secondary School. The results obtained show that the targets established for all the indicators used have been met. This allows a global vision of the degree of achievement of the objectives set out in the Erasmus+ EUROBOTIQUE project. The results have found an enthusiastic participation of the students and faculty who have helped them in the process.

Keywords: Collaborative learning, Basic skills, Educational robotics.