

Monitoring the ranking of the IT departments of the Greek Technological Educational Institutes over time

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Abstract

This paper concerns the ranking of the Information Technology (IT) departments of the Greek Technological Educational Institutes (TEI) using Multiple Criteria Decision methodologies. The radical changes that occurred in the Greek academia and society in general during the last years have left their marks on Greek higher education. The aim of this work is to monitor the ranking of the 11 IT departments during the last five years, taking into account a number of diverse criteria. An effort was made to avoid controversial and subjective criteria keeping only quantitative and deterministic ones. This will help us to identify the most successful ones and find the critical factors that make them stand out from the rest. For better clarity of the final results we use a couple of Multiple Criteria Decision Making methods, namely the TOPSIS and PROMETHEE methods, based on different theoretical backgrounds but both well accepted and established in the international research community. This is a work on progress, yet initial results show trends in the ranking of the departments and seem promising to provide tangible results. The data was acquired from the webpage developed by the first two authors of this paper (diguipro.it.teithe.gr) mapping and analyzing thoroughly the previous and current status of all departments and specializations provided by the institutes belonging to Greek higher technological education.

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