

Using Linear Programming with Education Cost for Enhancing the Level of Human Resource Efficiency

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Abstract

One of the most important points in managing construction projects is the procurement of qualified human resource needed for the project. Define a correct strategy in the human resource management can make a better time and cost management, and thus increase the quality of the project. The human resource education and recruitment is the main subject in this paper. We have compared the cost made by the absence of the employed staff for being educated, with the cost that will occur if we employ a new staff and wait for him to adapt the working condition. We will present a model to make this comparison and then we will try to solve it using linear programming.