

Optimal Allocation of Human Resources in a Medical Laboratory Using Analytic Hierarchy Process

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Abstract

Background and Objective: Nowadays, effective human resources management plays an important role in success of organizations. In order to achieve high efficiency of limited resources, managers of organizations try to allocate the best possible human resources for every section. This kind of decision is one of the challenges that human resource managers are facing with.

Material and Methods: Using analytic hierarchy process and considering qualitative and quantitative criteria, we carried out the most suitable allocation in a medical laboratory and selected the best possible team of experts for each section.

Results: Regarding specific attributes eight experts were allocated to three sections of a medical laboratory.

Conclusion: Analytic hierarchy process is a suitable method for allocating human resources to different sections of a company.

Keywords: Human Resources, Analytic Hierarchy Process (AHP), Medical Laboratory