Preparedness Assessment Model for Small and Medium Enterprise Enterprise (SMES) in Guilan Province Using the Fuzzy MCDM Technique Combined Approach

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In most developed world countries, adopting policies to support small and medium-sized enterprises in order to increase growth, generate income and employment, and even reduce poverty are among the most important socioeconomic priorities of governments. In fact, small and medium sized organizations play an important role in the economies of the countries. In some countries, it seems that national economy is based on these industries. In this research, we are considering the importance of this issue to examine the institutional organizational Preparation level by providing a model using accurate indicators. By using the fuzzy hybrid multi-criteria decision-making method, we examine the organizational readiness of small and medium-sized enterprises (SMEs). In the first stage, the factors determining the degree of organizational readiness in SMEs are determined. Then, the weight of these factors is calculated by obtaining expert opinions, as well as fuzzy DEMATEL and Fuzzy Network Analysis (ANP) methods. Several small and medium enterprises are evaluated according to the predicted factors. The TOPSIS approach is then used to measure the extent of their institutionalization.

Keywords : Small and Medium Enterprises, DEMATEL Fuzzy, ANP, TOPSIS