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The Transition Management of Technical and Vocational Education in the Economics- Vocational and Sciences-Technology Fields

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Extended Abstract

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Introduction

The document on the fundamental transformation of Iran's education was approved, in which the entrepreneurial spirit, the acquisition of general professional, skill and artistic competencies, the basis for productive work were predicted (Supreme Council of the Cultural Revolution, 2011) and the formal education system as a factor. Socially effective and productive manpower, cultural and spiritual capital for sustainable growth based on Islamic criteria were considered (Khamenei, SA.2018).

No important article was found in foreign journals in this regard. But inside, the level of attention to the six educational areas of the document of the fundamental transformation of education in the textbooks of social studies of the elementary school has been examined. Among the dimensions discussed, the scientific and technological dimension has received the most attention and the economic and professional dimension has received the least attention (Faraji et al., 2017).

Individual, organizational and environmental factors as a precursor; And Strategic Leadership, Strategic Renovation, Planner Development, Modification and Reengineering of Structures, Creating a Common Vision, Promoting a Systematic View, Livelihoods, Establishing Excellence Systems, Information Transparency, Establishing Successful Supervision Systems, and Developing Capabilities As components of transformation were identified and organizational agility, competitiveness capabilities and employee growth were as consequences of change (Esmaili et al., 2018). According to previous researches, no finding based on research objectives was observed.

Objective

Purpose of the research; Content analysis of the transformation document is from an economic-professional and scientific-technological perspective Economic-professional field; Regarding human ability in managing livelihood and economic and professional endeavors and scientific-technological field; It is about the ability of people in society to recognize, use and develop the results of reason and dense human experience in a variety of knowledge and technology.

In this research, the components and examples of economic- professional and scientific- technology are extracted from the fundamental document of transformation by content analysis method. The extent to which the objectives of the document are achieved in the new resources of the new technical and professional branch system are explained and evaluated.

Data/Methodology

It starts with this basic question: Are the principles of economic, professional and scientific fields of education technology outlined in the fundamental document of transformation create technical and non-technical competencies of the curriculum content in the technical and professional branches? What is the assessment of educational experts about the realization of these areas?

Techniques and methods of analysis: In a general classification, this research is quantitative-qualitative and applied and based on the nature and method, descriptive-analytical. Content analysis method was used to calculate the research variables.

The content of this research includes the study of economic-professional and scientific- technological educations document and extraction of its components and examples in order to adapt and evaluate the curriculum content of the new technical and professional system, according to educational experts and with the help of Atlas ti quality analysis software.

With a researcher-made questionnaire, the validity of which was determined using the judgment of experts and to measure the reliability of the tool, the content review list was provided to 6 educational

experts by Scott method and their agreement coefficient based on the formula (agreed categories / total category * 100) Calculated.

Then, in the quantitative part of the research, dual sample testing was performed on quantitative data in SPSS software. Paired t-test was used. In this test, the difference between the means of the trait is evaluated.

Results/Findings

In this research, for the first time, the concepts from the point of view of educational experts in the goals of economic-professional and scientific-technological fields are estimated to an acceptable level in the specialized books of the new system.

For example, extracting the component of understanding economic issues and its examples; in the economic and professional field;

- Economic education, recognition of economic decisions
- Develop plans for a successful financial future
- Gain skills to achieve personal goals such as savings, higher education and investment which is consistent with Santomro's 2003 study.

Or in extracting scientific and technological concepts; in the component of understanding the knowledge necessary for life and examples

- Problem solving, decision making, communication and interpersonal skills, self-awareness and empathy with others
- Developing a lifelong mindset
- Achieving the highest level of personal, professional and social capabilities

Which is consistent with the research of Mahdavian, Karami, and Rezaei in 2016.

The concepts of this research, such as growth and technical and scientific competencies, help technical and professional managers to design curriculum subsystems at all levels of general, technical and skills education in order to better estimate the objectives of the transformation document.

The results showed that according to the main aspects of education in the eyes of theorists and educational experts at the international level and special features of Islamic culture, its content curriculum in the future will be able to achieve the goals of education in the education system based on philosophy of education And Islamic education (desirable individual and social life of Islam) and the growth and flourishing of talents and quality promotion in the fields of insight, knowledge, skills, education and mental and physical health of students. From the teacher' point of view, the books of the new system of the technical and professional branch will play their educational role well, according to the latest methods of up-to-date world education for the future life of the students.

Implications

Strict implementation of the Fundamental Transformation Document of Education is recommended to achieve its lofty goals. For future research, it is suggested that other macro-documents such as the constitution and communicative education policies be analyzed and compared with this research to explain the general model of the vocational technical education system more accurately.

Keywords: Transformation Management, Economic-Professional Field, Scientific-Technological Field, Fundamental Transformation Document, Technical and Vocational Education.

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