

Original Article

Designing the Development a Model of Organizational Research Culture in Education (Subject of Study: Primary School Teachers of the Four Districts of Shiraz City)

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Introduction

Education is the most important tool to achieve balanced and sustainable development and scientific and technological progress. Sustainable development cannot be achieved without the development of education and both without the institutionalization of research. Paying attention to research and the value of the culture of research and its development and questioning is a basic motto in education.

Method

The present research was conducted using a mixed exploratory method of sequential type. The statistical population of the research was all primary school teachers in the four educational districts of Shiraz in the academic year of 2019, numbering 6022 people. In the qualitative part, the sample was selected by purposive sampling, and in the quantitative part, 361 people were selected by simple random sampling. Research tools were used in the qualitative part, open interviews with the participants, and in the quantitative

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part, a researcher-made questionnaire was used based on the findings of the qualitative part. The content validity of the scale used in the quantitative section was calculated using the expert and corrective opinions of professors and experts, as well as using confirmatory factor analysis, and its reliability was also calculated using Cronbach's alpha method. Qualitative part data analysis was done by thematic analysis method and quantitative part data analysis from sample t-test and exploratory and confirmatory factor analysis was done by SPSS version 26 and Lisrel software. In order to test the factor structure of the general model and its fit, confirmatory factor analysis was used.

Results

The findings of the qualitative section showed that 5 criteria (Individual, organizational, extra-organizational, programmatic and informational) with 15 indicators were used to determine the organizational research culture development model of primary school teachers. After triangulating the findings with previous research and experts' opinions, the initial conceptual model was obtained. The findings showed that organizational, programmatic and informational factors affecting the development of research culture among primary school teachers in Shiraz, in terms of importance the vision of teachers were above average and below optimal. Also, the highest average belonged to informational factors (3.68). The fit indices of the confirmatory factor analysis test showed a good fit of the model.

Discussion

Based on the obtained information, the research culture development model was designed and fitted. This model can reduce learning-centered and memory-centered learning and help improve learners' deep learning.

Keywords: Action research, Lesson Study, Curriculum, Teacher's research competency.

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