

# **Fitting of the Model of Self-directed Professional Development of Student Teachers with an Approach to Technological Wisdom Learning in Educational Planning of Farhangian University**

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## **Abstract**

The current research is the fitting of the model of self-directed professional development of student teachers with the approach of technological micro-learning. The research method is quantitative. The statistical population includes the student teachers of Farhangian University (the North Pole of the country) including the provinces of Mazandaran, Golestan, Gilan, and Semnan totaling to 456 people. The sample was selected via stratified random method. The method of collecting information was library and field. In the analysis of quantitative data, the neural network method was used to test the model using Excel 26, SPSS 26 and pls. The overall Cronbach alpha coefficient of the model equaled 0.98; The overall composite reliability of the model was 0.98; the Dylan Goldstein coefficient (Rho\_A) of the overall model was 0.98 indicating the internal consistency of all the main and sub-categories of the research model. Therefore, the measurement model has a high homogeneous composition reliability. The results of the findings showed that the extractive components of self-directed professional development with the approach of micro-technological learning in educational planning include the creation of an attractive technological learning environment, research-oriented learning networks, technological methods in teamwork cooperation, infographics and modern educational databases.

**Keywords:** self-directed professional development, micro-technological learning, educational planning, student teachers, Farhangian University

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