DEVELOPING AN INSTRUMENT FOR MONITORING AND EVALUATION TEACHER EDUCATION STRATEGY IN PALESTINE

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ABSTRACT

This study aimed at developing an instrument for monitoring and evaluation Teacher Education Strategy (TES) in Palestine. To achieve the aim, the researcher developed a preliminary instrument based on the analysis of the TES document, and theoretical literature associated with the strategy elements and recommendations.

To verify the instrument validity and reliability the preliminary instrument was first presented to a group of arbitrators and educational experts in the field of building measurement instruments, and those who are relevant to the building process of TES. Hence, the instrument was modified based on their recommendations, it was distributed to the study population. Population consisted of technical staff at partner institutions in the TES implementation in the West Bank in Palestine. Namely; they are; faculty members in colleges and departments of education at the Palestinian Universities, technical staff at: Commission of Development Teaching Profession (CDTP), Accreditation and

Quality Assurance Commission (AQAC), directorates general at the Ministry of Education and Higher Education that are interested with TES, and the educational directorates; managers, their deputies, educational supervisors, and workers in the field department, and were numbered 882 educators, in the academic year 2011/2012.

The instrument content validity was verified based on the opinions of educational experts, the averages and standard deviations of the responses of study members to the instrument items (indicators), which were calculated to find out both their opinions about the relevance degree of these items to their areas, and the appropriateness of the sources of verification of these indicators. Construct validity verification was also based on these averages, and both of the Principal Components Analysis which was done to find out the extraction coefficients of the items in their areas, and the calculation of the correlation coefficients between these items. Internal consistence coefficients Cronbach Alpa were calculated to infer the reliability of the instrument.

Instrument validity was inferred from the statical analysis results, as the average of the responses of the study members to the instrument items (indicators) and their sources of verification, also the extraction coefficients for the items within their areas were high; higher than the acceptable limits (average $\geq$ 3.67 and extraction coefficient $\geq$ 0.33) to be included in the instrument. Correlation coefficients between the items were significant at significance level $\alpha \leq 0.01$. Instrument reliability was also inferred from the analysis, as the coefficients of internal consistence Cronbach Alpha of the items were high and ranged between 0.829 and 0.970.

Based on the aforementioned statical analysis and the educational experts opinions on the instrument content, the possibility of it's employability, and the proposed bodies to follow-up it's areas; The final outcome of this study was the development of an instrument for monitoring and evaluation of TES; which also included indicators for monitoring and evaluation of the strategy areas and elements, also, sources of verification for these indicators, and proposed responsible bodies to follow-up and evaluate these areas were included.

Based on the study results, the researcher recommends to adopt and systemize the developed measurement instrument as a part of the monitoring and evaluation system of TES in Palestine, to develop measurement instruments for measuring the degree of availability or practicing of each indicator in the areas of instrument the indicators, adopt of the responsible bodies of monitoring and evaluation of the TES areas and elements by policy and decision makers at the Ministry of Education and Higher Education and higher education institutions in Palestine, and to benefit from the proposed sources of verification in this study to monitor the indicators included in the developed instrument for monitoring and evaluation of TES in Palestine.