



THE EFFECT OF CONCERN LEVELS ON PROFESSIONAL DEVELOPMENT OF TEACHERS

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Abstract

The study has investigated the effect of concern levels on professional development of teachers. The relational survey method was used about the concern levels of teachers of biology, chemistry, physics and science and technology. The data were collected through an questionnaire form developed by researcher. This questionnaire has included totally 43 items. Data collection tool was applied in four elementary schools and five high-schools with 45 teachers. Besides, an open-ended question was asked to them. Data were analysed using indepentent t-test and ANNOVA suitable for the purpose. As a result, there is a significant difference between genders for 2, 3, 21, 27, 32 and 43. statements, branches for 7, 28 and 40. statements, experiences for 6, 8, and 37. statements and faculties for 10, 19, 31, 37, 39, 42 and 43. statements ($p<0,05$).

Key Words: Science Education, Concern Levels, Professional Development.