

Research Attitude: Its Factor Structure and Determinants in the Graduate Level

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Abstract : Dropping survivability and rising drop-out rate in the graduate school is attributed to the demands that come along with research-related requirements. Graduate students tend to withdraw from their studies when confronted with such requirements. This act of succumbing to the challenge is primarily due to a negative mindset. An understanding of students' view towards research is essential for teachers in facilitating research activities in the graduate school. This study aimed to develop a tool that accurately measures attitude towards research. Psychometric properties of the Research Attitude Inventory (RAIn) was assessed. A pool of items (k=50) was initially constructed and was administered to a development sample composed of Masters and Doctorate degree students (n=159). Results show that the RAIIn is a reliable measure of research attitude (k=41, $\alpha_{max} = 0.894$). Principal component analysis using orthogonal rotation with Kaiser normalization identified four underlying factors of research attitude, namely predisposition, purpose, perspective, and preparation. Research attitude among the respondents was analyzed using this measure.

Keywords : graduate education, principal component analysis, research attitude, scale development

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