

# **A Scale to Measure the Attitude of Teachers towards Information Communication Technologies (ICTs)**

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## **ABSTRACT**

A scale was developed to measure the attitude of teachers towards ICTs based on Likert's method of summated rating. A tentative list of 67 statements each expressing the attitude of teachers towards ICTs was collected and edited in the light of the informal criteria suggested by Thrustone and Chave, Likert and Edward. These statements were framed such that they expressed the positive or negative attitude. The respondents were asked to indicate their degree of agreement or disagreement with each statement on a five point continuum ranging from strongly agree to strongly disagree. The score of each individual item on the scale was calculated by summing up the weights of the individual items. On the basis of the total score, the respondents were arranged in descending order. The top 25 per cent of the respondents with their total scores were considered as the high group and the bottom 25 per cent as the low group, so that these two groups provide criterion groups to evaluate individual items. In order to find out the discriminating index for each item, 't' value was calculated using the formula and procedure given by Edwards . The scale so developed finally consisted of 24 statements (14 positive and 10 negative).

**Key words :** Attitude, Continuum, ICT, Reliability, Validity.