

Achievements of ICT in G.C.E (O/L) in Relation to Scientific Attitudes of Students in Kurunegala District

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One of the chief objectives of inculcation is the development of desirable attitudes in the students. Therefore, it is conspicuous that the edifiers must understand the sundry dimensions of an attitude. Attitude is pristinely a psychological concept. From psychological perspective, it is arduous to discriminate attitude from other psychological concepts like interest, aptitude or gratitude. Still, it is demarcated as the keenness of mind to respond to an object, person or a situation. Scientific attitude refers to an individual's perspective towards life. It signifies an inclination to adopt scientific methods and measures for determining issues, conditions, and an alleviated noetic set. Scientific attitude predisposes a person to involve him/herself in accountable action after balancing the possible significances of alternate options, utilizing rational arguments predicated on evidence. Hence this study endeavours to quantify the relationship of achievement in ICT and scientific attitude among students. The sample for the present study consists of 600 G.C.E O/L students of Kurunegala District. The sample was drawn utilizing stratified desultory sampling technique from Government and private schools. The data was analysed by utilizing the t-test, co-efficient correlation and two-way ANOVA. The interpretation of the results prompted the researchers to draw the following Conclusions. Female students have better Achievement in ICT than male students. Students studying in private schools have better achievement in ICT than the students studying in government schools. Scientific attitude is related to Achievement in ICT among students. The students belonging to top cluster of scientific attitude performed better in ICT than the students belonging to medium and low clusters. Because it is evident that a positive relationship exists amongst scientific attitude and achievement and it is intense, it is compulsory for edifiers to enhance a good

scientific attitude among the students. For this teachers should get themselves familiar with the incipient sources and should endeavour to expand the calibre of erudition, as without it, they will not be able to develop the level of student's subsisting erudition to considerable extent.

Key words: *Achievement; ICT; Scientific Attitude; Students.*