

COMPUTER-ASSISTED LEARNING IN TEACHING IN G.C.E. (A/L) IN SAMMANTHURAI AND KALMUNAI EDUCATION ZONES: A CASE STUDY

M.A. Abdul Jaleel

Postgraduate Institute of Science, University of Peradeniya, Peradeniya, Sri Lanka

The information communication technology (ICT) plays an important role in Physics teaching and learning process and the effect of ICT in Physics teaching at G.C.E.(A/L) has been investigated. For this study, the refraction of light in Wave and Oscillation (a sub section of Unit 03 in Grade 12) is used and four mixed classes in 1AB schools having total of 169 students (2 classes at ST/ Sammanthurai Muslim Madhya Maha Vidyalaya – one of the schools in rural South Eastern region and 2 classes at KM/ Al-Ashrak Madhya Maha Vidyalaya- one of the schools in urban South Eastern region) were selected as the sample group. One class in each school was randomly selected and taught by ICT method whereas the other two classes were done in Chalk & Talk method. A Post-Test question paper was administered to all students and the students' evaluated marks were analyzed by the statistical method using two samples T-test and CI in Mini Tab software. Our finding shows that the competency levels of students who followed ICT method were higher than that of Chalk & Talk method. Furthermore, it hardly found any effect on variation in competency levels by the gender balance of the class and by the rural and urban area distinction.