**EFFECT OF INFORMATION & COMMUNICATION TECHNOLOGY (ICT) AS INSTRUCTIONAL TOOL IN TEACHING AND LEARNING SECONDARY SCHOOL BIOLOGY IN ENUGU SOUTH LGA, ENUGU STATE.**

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**Abstract**

*This study investigated the effect of ICT as instructional tool in teaching and learning secondary school biology in Enugu South LGA, Enugu state, Nigeria. It employed descriptive survey research design. Three research questions formulated and three null hypotheses, which were tested at 0.05 level of significance guided the study. This study was carried out in Enugu South LGA of Enugu State, Nigeria. One hundred and fifty students were drawn from eleven government owned secondary schools which constitute of co-educational and single sex schools, with population of 1436 SS2 students, using purposive and simple random sampling technique. The internal consistency of the instrument was determined to be .814 using the Cronbach Alpha Model. Data collected were analyzed using mean and standard deviation for the research questions and analysis of covariance (ANCOVA) for testing the null hypothesis at 0.05 level of significance. The result revealed positive and significant effect of teaching and learning Biology using ICT tools on the student’s performance. The researchers therefore recommended that Government should provide computer laboratories with internet provider in all schools and that serving teachers of Biology should be given in-service training through seminars and workshops to expose them to the use of ICT as part and parcel of instructional technology.*

*Key words: ICT, Instructional technology, Teaching and learning, Biology and Secondary schools*