

## THE COMPETENCY LEVELS OF POST-GRADUATE STUDENT-TEACHERS IN USING INTERACTIVE WHITEBOARDS IN 21<sup>ST</sup> CENTURY CLASSROOM

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### ABSTRACT

This study used a descriptive survey design to determine the competency levels of post-graduate student-teachers in using Interactive Whiteboards (IWB) having offered course EDU 514.2 (Media Production) in the Department of Curriculum Studies, Faculty of Education, University of Port Harcourt. The sample size of 111 post-graduate student-teachers was purposefully used for the study. A 21 items questionnaire titled 'Questionnaire on Post-graduate Student-teachers Competency Levels in IWB Utilization (QPSCLIWBU)' with reliability index of 0.76 was used to get response for the two research questions that guided the study. Mean (with acceptable criteria of 2.50) and standard deviation were used to analyze the data, while the Null hypothesis was tested with z-test. One of the findings unveiled that post-graduate student-teachers have varying levels of competencies in using IWB. It was recommended among others that teacher training institutions should provide adequate training programs in the use of IWB and other technologies in their curricula.

**Keywords:** Information and Communication Technology (ICT), Interactive whiteboard and levels of competency.