Comparing The Impact of Traditional Drafting And Digital Drafting on Design Outcome in Interior Design Education at NSBM Green University

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***Abstract*—**Rapid technological advancements are causing a shift in the tools and techniques used in interior design education. The purpose of this study is to compare how NSBM Green University interior design students' design outcomes are affected by traditional drafting and digital software tools. The literature review highlights how digital tools improve accuracy, efficiency, and visual communication, while traditional drafting grows fundamental manual skills and design thinking. It also highlights the increasing need of matching professional design industry demands with academic training. Examining how each approach affects students' design development, learning process, and creative output, as well as how these methods aid in the overall design process and skill acquisition, is the goal of this study. Qualitative data were gathered using a comparative methodology that included surveys and an assessment of student projects. Through the analysis of survey responses and the assessment of finished interior design projects, this method offered helpful data about the preferences, experiences, and design outcomes of students. Results show that while traditional approaches enhance manual dexterity and concept development, digital software greatly increases accuracy, time management, and flexibility. The study comes to the conclusion that using both approaches into the curriculum offers an efficient and complete approach to teaching interior design.

Key words: *Traditional drafting, Digital drafting, Design outcome*