

Reaffirming the Critical Role of Transformative Research and Knowledge Production in the Age of Post-Truth



3D Digitization Workflow for Philippine Ceramics using Artec Eva 3D Scanner and Blender

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Abstract: Artifacts are items that hold cultural and historical significance. These objects potentially hold crucial information that can be used to fill in the gaps of a nation's cultural record; describing how material usage has evolved over time. The preservation of these items also assists in safeguarding a country's history from distortion. However, issues of accessibility and preservation are pervasive concerns, especially in the Philippine context. Creating digital copies of these artifacts could provide a solution to the mentioned challenges. This research documents a workflow that may be referenced in digitizing specifically ceramic artifacts. This was achieved using the Artec Eva 3D scanner for the scanning process, and Artec Studio and Blender for processing the scans.

Keywords: cultural preservation; Philippine ceramics; digital archaeology; 3D scanning; 3D processing