

## **ABSTRACT**

*UMKM Peuyeum Bandung 1 is a small and medium-sized enterprise (SME) engaged in food processing, producing peuyeum, which is a fermented cassava product. The peeling process of cassava at UMKM Peuyeum Bandung 1 faces challenges related to an unorganized work layout, leading to prolonged processing times and non-value-added (NVA) activities in the form of delays due to the search for equipment needed for production. This study aims to design an improved work layout by applying the 5S concept (Sort, Set in Order, Shine, Standardize, Sustain) to create a more organized and tidy work layout and eliminate the search for production tools. The research was conducted by performing an initial analysis of the existing work layout through observation and measurement of processing times. Subsequently, the 5S concept was applied to redesign the layout, including the reorganization of equipment and work areas. The results of the layout improvement design using the 5S concept produced a new work layout that is more organized, clean, orderly, and systematic.*

**Keywords:** *Work Layout, 5S, SME, Production Process*