

- PERANCANGAN SISTEM OTOMASI MESIN PEMBUAT WADAH MAKAN RAMAH LINGKUNGAN DARI PELEPAH PINANG BERBASIS PLC**
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- Penilaian Sekolah Binaan YPA-MDR Area Kapuas dan Barito**
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PERANCANGAN SISTEM OTOMASI MESIN PEMBUAT WADAH MAKAN RAMAH LINGKUNGAN DARI PELEPAH PINANG BERBASIS PLC

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Abstract

Upaya mengurangi penggunaan styrofoam dan mendukung keberlanjutan lingkungan, dikembangkan sebuah mesin pembuat wadah makanan ramah lingkungan yang memanfaatkan pelepah pinang sebagai bahan baku utama. Mesin ini dirancang untuk melakukan proses otomatis mulai dari pembersihan, pemotongan, pemanasan, pembentukan, coating hingga providing sinar UV terhadap wadah makanan. Sistem ini dilengkapi dengan antarmuka Human Machine Interface (HMI) berbasis Programmable Logic Control (PLC) guna mempermudah pengoperasian dan monitoring. HMI memungkinkan operator untuk mengontrol dan memantau

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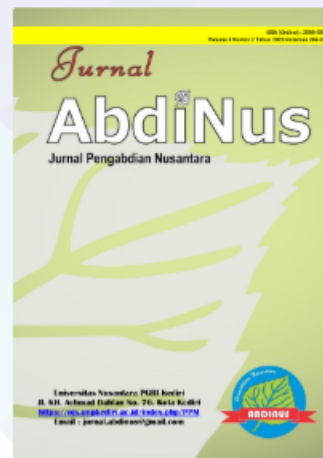
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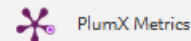
ABSTRACT

Nowadays, school development is very important to maintain the quality of the learning process. After developing a program or activity, an evaluation is usually carried out to evaluate its effectiveness and achievements. Assessment is an activity to find valid information. This search also includes searching for information that is useful for assessing the existence of a program and alternative strategies offered to achieve predetermined goals. The assessment of these schools can be called Community Service (PkM) activities. This PkM aims to evaluate the performance of schools supported by the Astra Education Foundation - Michael D'Ruslim (YPA-MDR) to maintain the quality of education. This activity is carried out by visiting schools. The target of this activity is all schools supported by YPA-MDR in the Kapuas and Barito areas of Central



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