

CONTENT MONITORING IN IOT-BASED BATIK WASTE PROCESSING

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ABSTRACT

Batik is an Indonesian culture that has existed since ancient times which is still popular today and is widely used as a daily necessity. The growing demand for batik has an impact on the environment, especially for the micro and medium batik industry in dealing with waste. The content of batik waste that is not monitored can harm the surrounding environment if continuously. This study aims to produce a tool that can monitor the content of pH, TDS, Turbidity, and temperature values in batik waste before and after processing. Data sent to Blynk has a 100% success rate for each test.

Keywords: *Batik, Batik Waste, Monitoring, pH, Total Dissolved Solids (TDS), Total Suspended Solids (TSS), Temperature, Blynk, IoT.*