

ABSTRACT

In this era of rapid development of innovation in the Information Technology (IT) field today, technology is something that is implemented as a tool to facilitate human activities. In daily human activities, it is always related to the use of stationery for both administrative and other needs. In the process of printing images or writing, a high-quality printer is needed to get good printouts, of course this will cause a lot of costs. In addition to needing a quality printer machine, we also have to prepare the best version of ink so that the resulting prints will be better. In the rapid technological advances in the Internet of Things (IoT) field, a tool can be created to create writing or images automatically and can produce good and precise prints. This machine is based on X and Y axes, to operate the machine it takes a computer unit, Arduino, and also a Computer Numerical Control (CNC), later this machine will operate according to the instructions from the computer.

Keywords: Arduino, CNC, Technology.