

## ABSTRACT

Title: Microcontroller Based Rod Candle Making Machine

Researchers: Alamag, Ronnie R.

Garrido, Julius Miguel C.

Mijares, Renato Jr. E.

Perido, John Carlo C.

Adviser: Engr. Emmanuel T. Longares

School: De La Salle University - Dasmariñas

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Candles are very important and have many useful roles in the community. It is the most commonly used lighting in most of houses when the power has lost. Considering that many provinces in the country was not been reach by the power distribution.

The idea of candle makers came across the researchers mind. There are already companies that produce candles but equipments for each different process are bulky and space consuming, so it became a challenge for the researchers to make a prototype that will have the basic process needed in candle making in a single machine. These basic processes in making the candles are the melting process, dipping and cooling process.