**Banana Chip Making Machine With 2 in 1 Integrated System (Slicing And Frying) Equipped With Thermocontrol**

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**ABSTRACT**

**The purpose** This research is to create a prototype of Banana Chip Making Machine with 2in1 integrated system (slicing and frying) with thermocontrol, so that oil temperature during frying time is more awake and gas efficient.

**Methodology** This study was conducted by designing Banana Chip Making Machine with 2in1 integrated system (slicing and frying) equipped with thermocontrol, where the slicing process is done by using a moving knife with eccentric system. Then the sliced ​​banana will go straight into the frying pan with a controlled cooking temperature to produce a banana chip with a better maturity level.

**Result,** this research resulted in a prototype of Banana Chip Machine making machine with 2in1 integrated system (slicing and frying), after testing machine performance, it was found that this machine has a capacity of 4 kg / hr where, 20 minutes for incision and 40 minutes for frying with the frying temperature reaching 250 degrees Celsius.

**The findings,** This study found the design and prototype of Banana Chip Machine Maker with 2in1 integrated system (slicing and frying), where the machine produces better banana maturity.

***Keywords:*** *slicing machine, banana, thermocontrol, frying pan*