



اَوْنِيُوْ سِيْتِي تِي كُونُو كِي مَارَا
UNIVERSITI
TEKNOLOGI
MARA

EM110 DIPLOMA OF MECHANICAL ENGINEERING
FACULTY OF MECHANICAL ENGINEERING
UiTM CAWANGAN JOHOR, PASIR GUDANG CAMPUS

MEC332
MECHANICAL ENGINEERING DESIGN

PROJECT:
COCONUT MILK EXTRACTOR MACHINE

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ACKNOWLEDGEMENT

Assalamualaikum w.b.t. Firstly, we would like to thank Allah S.W.T. because with His permission, we finally completed final year project which is Mechanical Engineering Design (MEC332). Our project that we choose to present is coconut milk extractor machine. With collaboration of our group members, lecturers and assistant engineers, we were able to do preparation and completion of this project. We would like to express our gratitude and gratefulnessto our supervisor that is Madam Nurulnatisya binti Ahmad and assistant engineer of Faculty of Mechanical Engineering for guiding and helping us in this project. The support and guidance that they have shown us really means a lot to our group. Their encouragement and cooperation in giving us the motivation to continue this project even though we have a lot of problem with the project, but they manage to convince us to complete this project and not give up easily.

Secondly, we would like to thank our group members for believing one another to complete this project. Our contribution of time, energy, money and ideas really give a big successful to this project. With every member participation in completing this project, we were able to gain chemistry in this project and make this fabrication process a lot easier. Without every member participation and collaboration, we cannot reach to the end of this project.

Finally, we would like to thank our parents and friends who also contributing their effort in the completion of this project. To our parents who are willingly to contribute financial for us, this is abig help for us. Not only that, their support in terms of prayers, knowledge and guidance will neverbe forgotten. To our friends, we would like to thank you for helping us in giving the ideas and in fabricating process. Their advice and opinion gave us courage to complete this final year project.

ABSTRACT

Coconut milk extractor machine is a machine that can help people in producing coconut milk with a lot of effort and energy. Nowadays, coconut milk extractor machine already been sold too many places. But the machine that already have now are bigger than we thought. The machine is big that it can't move to other places easily. It will have to stick in one place due to its size and weight. So, we came up with an idea to build a coconut milk extractor machine that can be move easily to other places. Our main purpose is to place a machine that are suited to be placed at home like kitchen for housewives to used it at home and produce coconut milk easily. The machine is medium size and save space. The machine is manually operating as it uses hand rotation as the main operation to produce coconut milk. The combination of hand rotation and compression are the main idea of the concept. When the power screw is being rotate by hand, the metal plate will compress the grated coconut that are being wrap by a cloth that are suitable to be compressed. The stress and strength of the cloth can sustain the compression, so the cloth will not burst and torn. By that way, the coconut milk can be produced. This machine help people to produce coconut milk easily and save energy, time and money.

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