

PROTOTYPE DESIGN COLLECTION

SERIES 1



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EDITORS:

Ahmad Najmie Rusli

Nurul Nadiah Rasdi

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Kampus Pasir Gudang,
Jalan Purnama, Bandar Seri Alam,
81750 Masai,
Johor Darul Ta'zim.
Tel: +60 7-381 8493

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CHAPTER 35

Design, Analysis, and Fabrication of Iron Clothes

Izzah Atirah Binti Ahmad Sirfan and Mohd Noor Halmy Ab Latif

*College of Engineering (Mechanical), Universiti Teknologi MARA Johor Branch,
Pasir Gudang Campus, 81750 Masai, Bandar Seri Alam, Johor Darul Ta'zim.
Email: 2019211798@student.uitm.edu.my*

PROJECT DESCRIPTION

The project is about innovating iron clothes into a device that will make ironing clothes much easier. By using this device with the steaming process, it can reduce time spent on ironing clothes and reduce the amount of energy used during the ironing process. It also produces the desired result with smooth and appealing clothes, reducing the number of injuries, and costs during the ironing process. The project will analyse the material used, the function of the device, and the outcome from the invention of the product. It will go through the process of identifying problems such as surveys, observation, and literature review. Next, the project involves the process of gathering information and evaluation to solve the problem that occurs, which will be designed and analysed through Solidworks. Then, it will be fabricated and tested to ensure the device is safe to use and can function greatly. To conclude, the project summarises how the development of a product can be innovated into something that can be very beneficial to people in their daily lives.

Keywords: *Iron clothes*

PROTOTYPE



DESIGN PARAMETER

