

“GPL DE CARBURATED IRON BOX”

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A PROJECT REPORT

**Submitted in Partial fulfillment of the requirement for the award of
Degree in Electrical and Electronics Engineering VIII semester of the
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Submitted by

PROJECT ASSOCIATES

- 1. KAVYA M.**
- 2. MONIKA G**
- 3. PRAGNA S. BENDIGERI**
- 4. PRADEEP C**

USN NUMBERS

- 1SB08EE021**
1SB08EE028
1SB08EE035
1SB08EE034

Under the guidance of

Prof. Pradeep B Jyoti
Head of the Department
Electrical and Electronics Engineering Dept
Shirdi Sai Engineering College

**SHIRDI SAI ENGINEERING COLLEGE,
SAI LEO NAGAR, SAMANDHAR POST,ANEKAL,BANGALORE-562106
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
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ABSTRACT

LPG based Iron for ironing clothes, requires no electricity and runs only on LPG Cylinders; as a result power is saved. It is very cost effective. In small cities and towns, one can easily find some clothes launderers, mobile carts that use common old technique where charcoal is used to heat the iron box. This technique has its own limitation. There are possibilities of cloth being burnt from the spark that are formed by the amber charcoal are carried through the wind from the cleavage opening of the iron box. Due to the absence of heat regulator in char coal based iron box, the clothes may burn due to overheat or may not get pressed properly because of low heat. Due to these limitations char coal based iron box is not so efficient to work with. Some others use electric press that we normally use at our homes. These can be replaced by LPG Fuelled Iron which is very efficient. And in villages, places where there are frequent power cuts. Even for working of electronic circuits in LPG Iron, Solar cells are used. Hence there is total conservation of power. The design of this equipment is simple. Since we are controlling the temperature automatically by using IC-LM335 to which supply is given through solar panels. It does not require more maintenance charges.