

Department : **Mechanical**

Year : **2019-2020**

Group No: **7**

Guided By

**PROF. SNEHAL  
PATEL**

## **SMT. S. R. PATEL ENGINEERING COLLEGE, UNJHA**

**Project Title**

**SOLAR OVEN**

### **Abstract:**

An alternate source of energy is always a green approach to energy consumption, in the time of crises of energy and global warming. The use of solar energy for cooking is a better solution, but still not established as user-friendliness and economic aspect. Food is the basic need of human being. Food can be cooked with conventional fuels like wood, cow-dung, kerosene, Liquid Petroleum Gas, and electricity. The main purpose of our project is to replace old wood fuel stoves with an Eco-friendly solar oven. A solar oven is a device which uses the energy of sunlight to heat food. The vast variety of solar cookers presently in use are cheap, low tech devices. There are many reasons for the insufficient uses of solar cookers like, its bulky size, heavyweight, lack of open place, slow cooking, fixed timing for cooking, less awareness, etc.

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