

Department : **Mechanical**

Year : **2016-2017**

Group No: **29**

Guided By

**PROF. SANTOSH
RATHORE**

SMT. S. R. PATEL ENGINEERING COLLEGE, UNJHA

Project Title

DESIGN AND FABRICATION OF EFFICIENT SOLAR AIR HEATER

Abstract:

Given that the future of our planet is intricately entwined with the future choices of energy, effective exploitation of non-conventional energy sources is becoming increasingly essential for modern world as fossil fuels are hazardous to environment and cannot sustain supply for long time as they are not renewable. Moreover, demand of energy is increasing rapidly. In this scenario, solar energy is being seen as potential viable resource for ever increasing hunger of the energy for the development of nation and by and large globe. In this seminar work, effort has been made to demonstrate this reality with proof of statistics from reliable sources. Furthermore numerous new designs of Solar Air Heater are emerging in various aspects, in different number of roughness, in different cost. Extensive review of research done in this field in recent past is covered with their design characteristics and their suitability for specific conditions and applications with respect to their merits and demerits.

Prepared By:

Sr. No.	Student Name	Enrollment No
1	HARISH J. DHUKKA	130780119019
2	JIGAR D. SATHVARA	130780119092
3	KUNDAN P. PRAJAPATI	130780119082
4	MUSTAFA Z. DHUKKA	130780119015

