

ABSTRACT

LIST OF FIGURES

In today's essential commodities, air conditioning system is one of the major energy consuming systems. Air conditioning is that process used to create and maintain certain temperature, relative humidity and air purity in indoor spaces. Now a days evaporative cooling systems are mostly preferred as an alternative to compressor-based air conditioned systems. The objective of this project is to fabricate the mini mist air cooler to reduce the heat temperature of one person in the room using by minimum power consumption .The mist air cooler design is compact and very easy to carry . Some components are designed in 3D printer. This is an eco-friendly system to the environment.

Fig. 5.1

Case all design

Fig. 5.2

Frame design

Fig. 5.3

Fan design

Fig. 5.4

Back frame design

Fig. 5.5

Front cover design

Fig. 8.1

Process of nozzle