VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM – 590010

A PROJECT REPORT ON

"LOW COST NATURAL AIR COOLING SYSTEM"

(Sponsored by KSCST)

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BACHELOR OF ENGINEERING
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ABSTRACT

The present global scenario about environmental changes is cautioning. It needs for products & systems with the lowest possible impacts on the environment without affecting the quality & original function of the system.

Again the consumption of power in any form is to be reduced by increasing the efficiency of the systems. Major areas are the comfort living of human beings. On these lines the need for air conditioning & comfort cooling in commercial buildings, residential buildings & congested areas of cities is increased & an appropriate design of the air conditioning system design with less energy consumption .

In this project an attempt has been made to design an air cooling system by attracting natural air through an venturi & cool it as far as possible & pump it into the area required with a low watt fan.

The environmental impact from the production of components is comparatively low. The present day condition has made to utilize the environmental friendly material. This point is also considered in the design.