

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama”, Belgaum – 590 018



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A Project work on

“EXTRACTION OF WATER FROM ATMOSPHERIC MOISTURE”

Submitted in partial fulfillment of the requirements for the award of the degree of

**BACHELOR OF ENGINEERING
IN
MECHANICAL ENGINEERING**

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ABSTRACT

The main objective of this project is to design and build an extraction of water from atmospheric moisture unit for the peoples those are not get the drinking water for their use.

The water extraction unit is used to extract the water from the moisture present in the atmospheric air so that it will effectively extract the water when moisture is more in air.

In the ambient air water is dissolved depending on temperature and pressure. Water- loaded air is a worldwide existing resource which has an inexhaustible potential. Technical possibilities for water trapping from air are already known from climate technology. A process has been developed, in which the humidity contained in the atmospheric air is bound by adsorbents and is later extracted as drinking water by means of desorption and condensation.

This extractor of water form atmospheric moisture what we have undertaken is the good extractor, it is very easy to handle and carry it will produce fresh water from the air. The water produced is can be drink with safe.