

Visvesvaraya Technological University, Belgaum - 590014



PROJECT REPORT ON

“ECO FRIENDLY GROUND SOURCE COOLING SYSTEM”

(Sponsored By Karnataka State Council for Science and Technology KSCST Bangalore)

Submitted in partial fulfillment of the requirement for the award of

BACHELOR OF ENGINEERING

IN

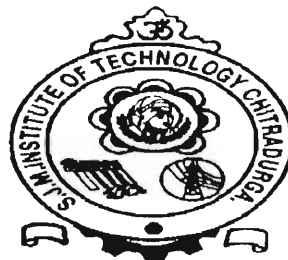
MECHANICAL ENGINEERING

Under the guidance of:

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ABSTRACT

Every machine makes use of power or energy to run and perform operation. It may be of any type .the energy used may be **exhaustible** or **inexhaustible**. It is necessary to save the exhaustible energy and make an effective use of inexhaustible energy.

Geothermal energy is the energy which comes under the group of inexhaustible energy the energy which is exhibited by the earth's crust and which is freely available in nature is geothermal energy.

In this project, an attempt is made to fabricate a unique geothermal cooling system to have a future alternative to traditional heating and air conditioning system.

The project deals with running a cooling system using geothermal energy. This system uses relatively constant temperature of the of the earth's crust.