

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELGAUM 590 018



A REPORT ON PROJECT WORK

AUTOMATION OF WATER SUPPLY MANAGEMENT

(SPONSORED BY K.S.C.S.T,BANGALORE)

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

BACHELOR OF ENGINEERING
in
ELECTRONICS & COMMUNICATION

Project Associates

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PROJECT GUIDE

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ABSTRACT

Water is an important natural resource. Negligence on the part of human beings has led to wastage of water and thereby creating problems. Our project “ **AUTOMATION OF WATER SUPPLY MANAGEMENT**” aims at computerizing the water supply system. It includes management of water supply in an efficient manner so as to reduce problems created by the negligence of human beings. Water supply management has been carried out by the program written in the microcontroller. The program is written in such a way that each area of the city gets water supply for a pre-determined duration of time.

This project also includes other features like:

- pipe leakage detection
- avoids pumping motor heating
- water level detection in the main tank

This project can also be used in the supply of other natural resources like LPG , petroleum in cities.