

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM - 590 010**



A Project Report on

**"ELECTRICAL TECHNOLOGY BASED CORPORATION
WATER SUPPLY MANAGEMENT"**

*A project report submitted to Visvesvaraya Technological University in fulfillment of
requirement for the award of degree in*

Bachelor of Engineering

In

Electrical and Electronics Engineering

Under the guidance of

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ABSTRACT

The water is most important basic need for the human activities; water is a most essential for the survival of the living beings. But the drinking water is available in limited quantity. In urban areas the population is more, where the main problem is; how to distribute and to manage the available small quantity of drinking water equitably.

So there is a need to manage the available small quantity of drinking water in effective manner. Here is a solution by which we can reduce the wastage of the water by replacing the present water supply system. This project gives the replacement of the manually operated valve system by automating the whole system.

The water management system nowadays is a very important parameter, so there is need to prevent wastage of water. In manual operation the mechanical valves are operated at different time intervals at different areas. But this existing system has brought some draw backs like improper speed regulation, improper timings etc. Because of these draw backs the wastage water goes to increase which decrease the efficiency of water supply department.