

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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A project report on

**“AUTOMATIC CONTROL OF WATER SUPPLY
AND STREET LIGHTING CONTROL USING PLC”**

(Sponsored by Karnataka State Council for Science and Technology)

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

BACHELOR OF ENGINEERING

IN

ELECTRICAL AND ELECTRONICS

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Abstract

This paper gives an idea of controlling the municipal water supply and street light .The aim of the project is to design a programmable logic controller which controls water supply to the different streets of a particular locality by turn.

We are designing the circuit using LDR and other components which controls ON/OFF of the street lights depending on the illumination that falls on the kit.

The time limit of water supply is one hour at a time for a particular street and it can be changed by incorporating small change in the programme.

The street light illumination is controlled from evening to early morning to save energy and the lights are OFF automatically after morning. So, this project is helpful to manage the water supply and also saving of energy.