

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELGAUM- 590014**



A Project Report on

## **INTELLIGENT STREET LIGHTS USING LIGHT INTENSITY SENSOR**

Project Report Submitted in partial fulfillment of the requirement for the degree of

**BACHELOR OF ENGINEERING**

**In**

**INSTRUMENTATION TECHNOLOGY**

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## **ABSTRACT**

Since energy is one of the most vital resources of today, there is need for the development of energy efficient street lights. This objective is achieved by developing intelligent street lights using fuzzy logic.

In this project we have developed a system which makes utmost use of solar energy. This is done by using a solar panel, as both the light intensity sensor and power source, and IR motion sensors to switch ON the street lights only when required. For further power savings we use LED lights as street lights.