

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANA SANGAMA, BELGAUM - 590014



A Project report

On

“GSM BASED MOTOR CONTROL FOR IRRIGATION”

(Sponsored by Karnataka State Council for Science and Technology)

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

BACHELOR OF ENGINEERING

IN

ELECTRICAL & ELECTRONICS

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SYNOPSIS

In today's world we can see that the world is shrinking day by day. We live in a world where everything can be controlled and operated automatically. There is a great demand for application that can remotely control an electrical or electronic device. It is due to the fact that people from different parts of the world are able to communicate easily with each other within fractions of seconds. All these advantages are possible due to the advances in digital communication techniques. With the advent of cellular technology the use of mobile phones has increased drastically over the years. In today's world of technological advancements communication and control is necessary in any part of the world. The novel of this project is to achieve the controlling of motor through mobile phones.

The advantage of this project is that the motor is remotely switch ON or OFF by using mobile phone. This saves the Time. And no more spending long hours watering with a hose. The device control system is able to switch ON/OFF the motor and able to protect components from fault conditions.

The main objective of selecting this project is to gain the knowledge and experience in developing a real time application and in safeguarding a motors from damage. Apart from this, to gain the knowledge on microcontroller and other components used in the model and the ways in which they can be used for sensing different parameters.