

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM-590014**



A Project Report
On
“GSM BASED CENTRALIZED ELECTRICITY BILLING SYSTEM”

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

**BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION**
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ABSTRACT

In the age of technology where everything needs to be automatically controlled and activated, there are still some of the areas where automation has not penetrated in a major way. One such thing is Electricity Billing in India. Traditionally, the representatives from the power providing company such as BESCOM/KPTCL come to our places and note down the reading.

This concept is prone to errors as there is a human error factor involved. There had been many cases of these representatives reading 3 as 8, 5 as 6 or vice versa and there had been huge losses to the Electric company or their clients. There had been instances that on the request of the tenants wrong readings were purposefully taken and then the owner adjusted the bill amount next month in case the tenant was leaving the house that month. Also, there had been instances in which the representative had not been to the site to take the actual reading but guessed it depending on the last reading taken.

Also, many a times the representative from the power company comes and disconnects the power line in case the bills are not settled on time. But the user instead of paying the bills simple uses a conductor material (like a wire) and connects the line back paying the bill later at his leisure.