

“GENERATION OF ELECTRICITY USING BIOGAS AS A FUEL TO THE GENERATOR”

PROJECT REPORT

**In partial fulfillment of the requirements for the
Award of the degree of**

**BACHELOR OF ENGINEERING
In
ELECTRICAL & ELECTRONICS ENGINEERING**

Submitted by

**ANIRUDDA SWAMY H M
(4AI09EE002)**

**ARPITHA G J
(4AI09EE005)**

**BANDHAVYA C
(4AI09EE008)**

**SANTOSH T V
(4AI09EE035)**

Under the guidance of

Mr. T SRINIVASA.,
Assistant Professor, E&E Dept.,
A.I.T, Chikmagalur

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Adichunchanagiri Institute of Technology
(Affiliated to Visveswaraya Technological University)

CHIKMAGALUR-577102

2012-2013



ABSTRACT

Biomass has been gaining importance in the Renewable energy aspects in the recent times. In India, the surplus biomass potential is recognized as an important renewable source and has proved viable industrially both for captive and grid linked power application. This background necessitates having a nation-wide assessment of different types of biomass distributed geographically.

Due to the improved science and technology the demand of electricity has increased in leaps and bounds. As we all know that the non renewable energy sources are likely to deplete in the near future it has become essential for us to switch over to the alternative sources of energy for the generation of power. In this regard, generation of electric power using biogas as a fuel to generator is gaining attention these days. So our project deals with generating electricity using biogas in 'Nirmala Farm', Harike, Sringeri where KVIC biogas digester is already in use. Here biogas is used for cooking purpose and now we are planning it to use to generate electricity.