



A Study of Success of Bio-Gas Plant to Save Environment . An Abstract

KEYWORDS

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Introduction

In our country People's curiosity regarding Bio-Gas Plant is increasing day by day. Gujarat has played a major part in this field. Even though the villagers of Gujarat should make use of Bio-Gas plant. Which is advisable for pure environment. Bio-Gas maintains health, provides fertilizers, improves land. And is use full in agriculture production, Plus it provides environment by reducing the lock of fuel. Apart from this it also provides employments so far employments people's won't need to migrate. Thus for reducing poverty this Bio-Gas Plant Should be at every home.

Study of Subject

The successful study of Bio-Gas Plant at Patan in Village Methan.

Importance of Study

Bio-Gas plant means not only fertilizer from the dug but also pure and proper fertilizer and better fuel for gas, scientific solution of larvae and urine, smoke less fuel, protection of families eye and clean environment

Objectives of Study

The successful study of Bio-Gas Plant at Patan in Village Methan.

Subsibary Aims

1. To check usefulness of Bio-Gas Plant According to the environment
2. To Check out the usefulness of Bio-Gas in economics way.
3. To check usefulness of Bio-Gas in social way.
4. By manufacturing Bio-Gas checking for employment generation.

Depth of Study

Youngster in METHAN village in PATAN district in has limited to 30 families from the same village as responsible.

Research of Study

This subject chosen to know the effect of the Bio-Gas plant over 30 families from the different caste like Thakkar, Barber, Karedia, Panchal, Karviliya, Tailors, etc. in the village of METHAN in PATAN district.

Sources of Collection of Information

Method like survey gathering library, Observation, Questionnaire are been use to the collect the information.

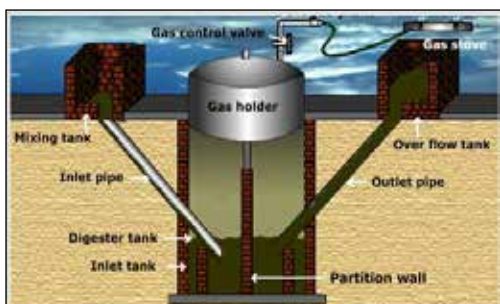


CHART NO. 1

Responsible Information of usage of fuel and Bio-Gas

Retails of usage of fuel and Bio-Gas use by responsible	Avruti	Percentage
Bio-Gas	30	100%
L.P.G Gas	21	70%
Chulo	05	16.67%
Stove	04	13.33%

In a day 30 families get gas for 2 hours apart from this when they require fuel and Bio-Gas is not available at that time people use gas are 21.00%. While less people are seen using stove @ 13.33% to 16.66%.

CHART NO – 2

Responsible information of usage of bio-gas in perception of environment.

Information of usage as per environment	Avruti	Percentage
Land become fertile	20	66.67%
Land Becomes Soft	10	33.33%
Reduces the disease occurred through fertilizer	30	100%
Good and Proper Fertilizer	30	100%
Control of Air Pollution	30	100%
Smoke Less fuel	30	100%
Composed Fertilizer	30	100%

Bio-Gas plant is not harmful to environment which is said by 100% users. Through this it can be known that because of bio-gas plant land can be more fertile, disease control in fertilizer, by making composed fertility, environment can be made smokeless.

Chart – 3

Responsible chart describing the usefulness of bio-gas economically.

Economical usefulness details	Avruti	Percentage
Construction expenses Rs. 20,000/-	30	100%
Reduction in fertilizer Water	30	100%
Deduction insect free medicine	30	100%
Cleanness of Vessels in Cooking	30	100%
Income through bio-gas Rs. 2000/-	30	100%

From the above chart it can be said that information is same from this gathered plant. Because of gathered plant a well mixing machine for raw material and pipeline has been provided in the entered village. Everyone has animal at their home so proper dug can be gathered. Thus with health of bio-gas plant villagers can get economical help. Fertilize produced from bio-gas plant is almost 43% which can save 270 of wood. The 900/- Rs of gas and additional 500/-Rs. Fertilizer can be saved.

Social Perceptions

This technology makes human being self-dependent and also reduces the difference between age, castism, Business Group, and Gender. Reduces the defiance between the peo-

ple of Arban and rural area. It helps in improving health if provides smoke free and gas free fuel and keeps the Environment clean and provides better fertilizers to the farmers.

Employment Benefits

For the installation of bio-gas plant labours will get employment in villages people can work sitting at home. This plant creates employments opportunity.

Conclusions

By getting fertilizer and cooking gas from Garbage, Water, Air, or Food doesn't get spoiled. Through bio-gas plant woods can be save and pure fertilizer is produced saves money, thus through this plant the living standard of the people Mathan village improve a lot. Thus the garbage should not be thrown anywhere but it should be properly use. The vil-lagers should be made aware of the benefits of the bio-gas plant. And we should save the environment recurring proper and best fertilizer and increase self employment

