

Generation of Biogas

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Spoken Tutorial and Rural ICT Project

IIT Bombay

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Learning Objectives



Learning Objectives

In this tutorial we will learn:



Learning Objectives

In this tutorial we will learn:

- **When to add raw material to the Biogas plant**



Learning Objectives

In this tutorial we will learn:

- **When to add raw material to the Biogas plant**
- **Quantity of raw material to be added to the Biogas plant**



Learning Objectives

In this tutorial we will learn:

- **When to add raw material to the Biogas plant**
- **Quantity of raw material to be added to the Biogas plant**
- **Use of slurry that is generated from the Biogas plant**



Learning Objectives

In this tutorial we will learn:

- **When to add raw material to the Biogas plant**
- **Quantity of raw material to be added to the Biogas plant**
- **Use of slurry that is generated from the Biogas plant**
- **Biogas burner and its connection process**



Generation of Biogas



Generation of Biogas

- **How to generate the Biogas?**



Generation of Biogas

- **How to add the raw material into the inlet tank?**



Generation of Biogas



Generation of Biogas

- **How much of the raw materials should be added to the Biogas plant?**



Generation of Biogas



Generation of Biogas

- **How to add the raw material into the inlet tank?**



Generation of Biogas



Generation of Biogas

- **What are the different ways to use slurry?**



Generation of Biogas



Generation of Biogas

- **Choosing the right burner for using the Biogas**



Generation of Biogas



Generation of Biogas

Two types of burners available are:



Generation of Biogas

Two types of burners available are:

- **Biogas burner**



Generation of Biogas

Two types of burners available are:

- Biogas burner
- **LPG burner**



Generation of Biogas



Generation of Biogas

Two types of Biogas burner models are:



Generation of Biogas

Two types of Biogas burner models are:

- **Single burner model**



Generation of Biogas

Two types of Biogas burner models are:

- Single burner model
- **Double burner model**



Generation of Biogas



Generation of Biogas

- **Where to procure Biogas burners from?**



Link to Khadi and Village Industries Commission



Link to Khadi and Village Industries Commission

Refer chapter 16 in the link:



Link to Khadi and Village Industries Commission

Refer chapter 16 in the link:

- http://www.kvic.org.in/PDF/Right_to_Information.pdf



Generation of Biogas



Generation of Biogas

- **How to confirm if Biogas has been generated?**



Generation of Biogas



Generation of Biogas

- **Do's and Dont's for running a Biogas plant**



Generation of Biogas



Generation of Biogas

- **Safety measures to be followed when using the Biogas burner:**



Testimonial of Biogas users



Testimonial of Biogas users

They will mention about :



Testimonial of Biogas users

They will mention about :

- **How convenient it is to use Biogas for cooking**



Testimonial of Biogas users

They will mention about :

- How convenient it is to use Biogas for cooking
- **Saves time**



Testimonial of Biogas users

They will mention about :

- How convenient it is to use Biogas for cooking
- Saves time
- **Saves money**



Testimonial of Biogas users

They will mention about :

- How convenient it is to use Biogas for cooking
- Saves time
- Saves money
- **And helps in health and hygiene improvement**



Summary



Summary

In this tutorial we have learnt:



Summary

In this tutorial we have learnt:

- **When to add raw material to the Biogas plant**



Summary

In this tutorial we have learnt:

- When to add raw material to the Biogas plant
- **Quantity of raw material to be added to the Biogas plant**



Summary



Summary

contd:



Summary

contd:

- **Use of slurry that is generated from the Biogas plant**



Summary

contd:

- **Use of slurry that is generated from the Biogas plant**
- **Biogas burner and its connection process**



Acknowledgements

- This video was created by Spoken Tutorial Project with inputs from Rural-ICT Project, IIT Bombay
- More information on these projects can be found at these links

[http://spoken-tutorial.org /NMEICT-Intro](http://spoken-tutorial.org/NMEICT-Intro)

<http://ruralict.cse.iitb.ac.in>



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