

# 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**

**22 November 2015**



# 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



# 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](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>



# Acknowledgement



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