



## Meeting of Participatory Institutions for evaluation of Technical Projects in adopted villages

LHC- 213 IIT Delhi  
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### **Distribution of Portable Improved Biomass Cooking Stove in the adopted villages**

JORHAT ENGINEERING COLLEGE, ASSAM

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Presentation: Dhrubajyoti Baruah

## An overview of the Cooking fuel usage in the adopted villages

Name of the adopted Village	Total household	Number of household who are using traditional chulha	Number of household who are using LPG
Kukilamuk Mishing Gaon (ST)	62	57	5
Kurukani Basti (Teat Tribes)	152	148	5
Bhaskar Nagar (SC)	111	72	39
Jankhona (SC)	168	76	92
Pahukotia Syam Gaon (ST Hills)	63	49	14
Total	556	402	155

% of the households who are using traditional Chulha for cooking is **72.23%**

# Objective of technology

- **main objective of this proposal is to distribute energy efficient portable wood stove to the households of the adopted villages.**
- Testing of the thermal efficiency of the Chulah by water boiling test.

# Work plan

- Sample Pre- survey on Kitchen condition, health issue of women, Biomass information, Cooking space, problems with traditional chulha, etc
- Procurement of the Chulha
- Testing of the thermal efficiency of the Chulah by water boiling test.
- Awareness Programme on the benefit of the Chulha ( **Already conducted in two villages**)
- Distribution of the Chulha.
- Monitoring
- Post study (feed back )

# Benefit to villages

- ❖ Reduction in indoor air pollution
- ❖ Saving of fire wood
- ❖ Protection to women from health hazard
- ❖ Lesser cooking time
- ❖ Reducing emissions
- ❖ Saving money if firewood is purchased

# Benefit to College/ Institute/ University

- Students will get opportunity to work for the villagers.
- College can contribute towards betterment of society.
- Academic project may be formulated for the students.

# Time line of project

Activity	Time schedule	Remarks
Sample Pre- survey on Kitchen condition, health issue of women, Biomass information, Cooking space, problems with traditional chulha, etc.	1 Week	
Procurement of the Chulha	4 Weeks	
Testing of the Chulah by water boiling test	1 Week	
Awareness Programme on the benefit of the Chulha	2 Weeks	
Distribution of the Chulha	1 Week	
Post study (feedback )	1 Week	After one month
Monitoring	During any visit to adopted village	



**Awareness Programme on improved chulha.**  
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